

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

MICHELL'S 1921 SEEDS

Wholesale Price List

ASTER
Early Royal Branch-
ing Shell Pink

VERBENA
Michell's Mammoth
Fancy

PETUNIA
Michell's
Monstrosus

CALENDULA
Michell's Special
Forcing

Antirrhinum
Michell's Giant
Salmon Pink

**PHLOX
DRUMMONDI**
Dwarf Mixed

TOMATO
Michell's Early
Red Wonder

Aster—Early Royal Branching, Shell Pink	Trade Pkt., 40c; \$2.25 per oz.
Verheea—Michell's Mammoth Fancy In separate colors.	Trade Pkt., 30c; \$1.75 per oz.
Antirrhinum—Michell's Giant Salmon Pink	Trade Pkt., 40c; \$2.00 per oz.
Petunia—Michell's Monstrosus Mixed colors. Half Trade	Pkt., 60c; \$1.00 per trade pkt.
Calendula—Michell's Special Forcing	Trade Pkt., 50c; \$2.00 per oz.
Phlox Drummondii—Dwarf Mixed	Trade Pkt., 40c; \$2.00 per oz.
Tomato—Michell's Early Red Wonder	In original pkts., 20c pkt.

Henry F. Michell Co., 518-516 Market St., Phila., Pa.

IMPORTANT ANNOUNCEMENT

OUR growing business has made it necessary for us to again increase our facilities. This success we feel is largely due to the good will and loyalty of our many customers.

As the illustration shows we have acquired the premises 516 Market Street which extends through to Ludlow Street adjoining our original property in the rear; giving us an additional 20,700 square feet of floor space in this four story and basement building, 23 feet wide and 180 feet deep.

The building has been thoroughly remodeled and every convenience installed for the rapid and accurate transaction of our business. The first floor is devoted to salesrooms and display, the second floor contains our offices and accounting department, while the third and fourth floors are devoted to storage of merchandise; the new premises communicate with 518 Market Street on the west side on each floor.

FURTHER ANNOUNCEMENT

At American and Dauphin Streets, Philadelphia, we have acquired, through purchase, a modern warehouse, 68 ft. x 130 ft. four stories high; this building is equipped with a railroad siding accommodating 2 cars which extends into the premises allowing us to load and unload under cover, at this point will be received and shipped the bulky items in our business, which should materially improve our facilities for shipping by freight.

These premises have been thoroughly renovated and modernized, and in connection therewith is our garage, enabling us to further concentrate our efforts which should mean better service.

You are cordially invited to inspect these new additions to our business whenever you can find it convenient to do so during our business hours, and in concluding let us thank you—(our customers) for making these facilities possible and necessary.



BUSINESS TERMS

NOTICE TO CUSTOMERS OUTSIDE OF THE UNITED STATES

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money Order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

PLEASE NOTE WHEN DESIRING TO OPEN AN ACCOUNT

When sending your first charge order, refer preferably to someone in either your own or our line of business with whom you have a charge account. This frequently saves delays.

DISCOUNTS

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2 per cent. for payment 10 days from date of bill may be deducted; if cash accompanies the order, 3 per cent. may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

IMPORTANT NOTICE—All shipments of plants, perishable stock and cold storage bulbs are made at buyers' risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or non-arrival of merchandise not perishable will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

CONDITIONS OF SALE

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once and no sale has been made.

HENRY F. MICHELL { PRESIDENT
SECRETARY

HENRY F. MICHELL CO.
SEEDS BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS,
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

FRED'K J. MICHELL { VICE PRESIDENT
TREASURER

WAREHOUSES { 509-11-13 LUDLOW ST.
AMERICAN AND DAUPHIN STS.

518-516 MARKET ST., PHILA.

BELL TELEPHONE, LOMBARD 5620
KEYSTONE TELEPHONE, MAIN 3600

NURSERIES AND GREENHOUSES, ANDALUSIA, PA.

ORDER NO.

Ship to _____ c/o _____

Street _____ P. O. Box _____

Post Office _____ R. F. D. No. _____

Freight or Express Address _____

County _____ State _____

Charge to _____ Charge Address _____

Please DO NOT Write in Space Above

[illegible]

Shipped Via and Date _____

[illegible]

PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER ON A SEPARATE SHEET AND ENCLOSE WITH ORDER, TO INSURE A MORE SPEEDY REPLY.

HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

IMPORTANT NOTICE

The prices published in this Catalog are those ruling at the time it went to press. If any reductions are made in the cost of merchandise, we shall cheerfully and promptly give our customers the benefit. It is better to print a Catalog with prices than without them, as omission thereof entails considerable correspondence to the buyer and the seller.

When remittance accompanies an order and it is in excess, the excess will be promptly refunded.

Bespeaking for ourselves your continued confidence.

Respectfully,

HENRY F. MICHELL CO.

IMPORT DUTY NOTICE

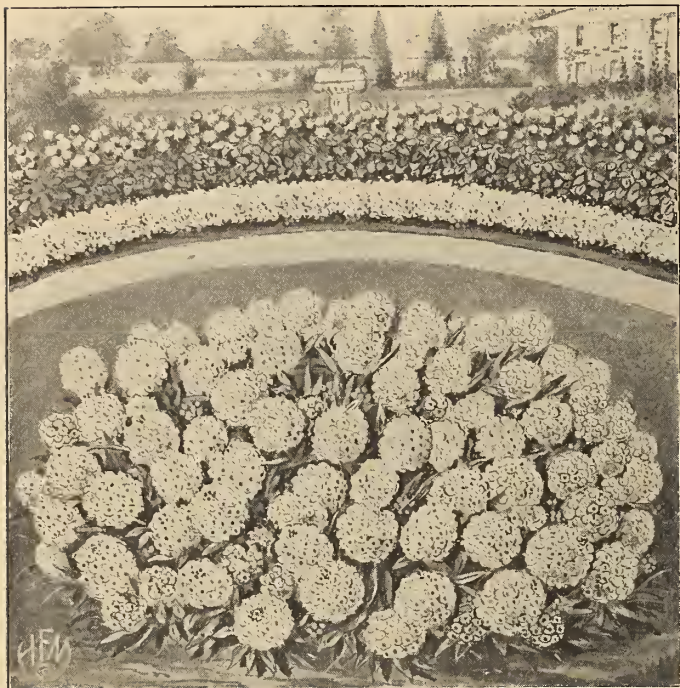
Importers of goods into the United States are required to pay import duties on certain goods. The amount of duty is determined by the value of the goods and the rate of duty applicable to the goods. The duty is paid to the U.S. Customs and Border Protection (CBP) at the time of importation. The importer is responsible for ensuring that the correct duty is paid and that the goods are properly classified for duty purposes. Failure to pay the correct duty can result in penalties and fines. For more information, please contact the U.S. Customs and Border Protection.

Index to Contents of Michell's Wholesale 1921 Seed Catalog

SEEDS	Page		Page		Page		Page
Clovers.....	58	Brooms.....	78	Hydrometers.....	82	Salt.....	81
Corn (Field).....	58	Brushes.....	78	Inoculating Bacteria.....	80	Sand.....	79
Farm Seeds.....	58	Bug Death.....	82	Insecticides.....	82, 83	Sash.....	72
Flower Seeds.....	2-27	Bulb Pans.....	84	I. X. L. Compound.....	82	Saucers.....	84
Grass Seeds.....	59	Bull Dog Clips.....	79	Jardienieres.....	78	Saws.....	69
Herb Seeds.....	57	Carbolineum.....	82	Kainit.....	81	Scalegide.....	83
Mushroom Spawn.....	48	Carnation Dye.....	79	Kerosene Emulsion.....	82	Scale Destroyer.....	83
Vegetable Seeds.....	28-57	Carnation Menders.....	75	Kirke System.....	79	Scythes.....	67
		Carnation Supports.....	78	Knives.....	69	Scythe Handles.....	67
BULBS AND PLANTS		Celery Bleachers.....	38, 68	Knives (Asparagus).....	30, 68	Seed Drills.....	66
Amaryllis.....	61	Celery Handlers.....	38, 68	Knives (Potato).....	52	Shaderine.....	79
Artichoke.....	30	Celery Hiller.....	68	Labels.....	78	Shading Cloth.....	72
Asparagus.....	30	Celery Paper.....	38, 68	Ladders.....	68	Shakers.....	74
Begonias.....	61	Celery Tape.....	38, 68, 79	Land Plaster.....	81	Sharpening Stones.....	67
Brussels Sprouts.....	34	Cement.....	79	Lawn Mower Oil.....	67	Shears.....	67, 69
Buddleya.....	60	Charcoal.....	79	Lawn Mowers.....	67	Sheep Manure.....	81
Cabbage.....	37	Chrysanthemum Manure.....	80	Lawn Sand.....	81	Shoo-Fly.....	83
Caladium.....	61	Clay's Fertilizer.....	80	Lawn Trimmers.....	67	Shovels.....	70
Callas.....	61	Cocanut Fibre.....	79	Leaf Mould.....	79	Sickles.....	67
Cannas.....	opp. page 63	Copper Solution.....	82	Lemon Oil.....	82	Sieves.....	72
Cauliflower.....	35	Cottonseed Meal.....	80	Lime.....	81	Slug Shot.....	83
Celery.....	38	Coupling Parts.....	71	Limestone.....	81	Snips.....	76
Chives.....	37	Cow Manure.....	80	Lime Sulphur.....	82	Soap Spray.....	82
Cinnamon Vine.....	61	Cultivators.....	66	Limoid.....	81	Sod Crushers.....	72
Cyclamen Seedlings.....	60	Cultivator Teeth.....	66	Mag-O-Tite.....	83	Sod Cutters.....	68
Dahlias.....	63, 64	Cut Flower Boxes.....	75	Manure.....	80, 81	Sod Perforators.....	68
Egg Plant.....	42	Cut Flower Vases.....	84	Manure Distributor.....	78	Sod Tampers.....	68
Garlic.....	42, 48	Cyanegg.....	82	Marking Rakes.....	70	Soil.....	79
Geranium.....	60	Dalmatian Powder.....	82	Mastica.....	79	Soil Pulverizers.....	66
Gladiolus.....	65	Dibbles.....	70	Mastica Machine.....	79	Soot.....	81
Gloxinias.....	61	Dusters.....	74	Melon Nets.....	46	Spades.....	70
Hardy Lilies.....	62	Extension Pipes.....	74	Melrosine.....	83	Sprayers.....	73, 74
Hop Vine.....	42	Fern Dish Liners.....	84	Mole Traps.....	72	Sprinklers.....	78
Horseradish.....	42	Fern Pans.....	84	Mo-Lo.....	83	Stakes.....	76
Hyacinthus.....	61	Fertilizer.....	80, 81	Moss.....	75	Stake Fasteners.....	76
Hydrangeas.....	60	Fertilizer Distributors.....	68, 81	Mowers.....	67	Strainer.....	74
Ismene.....	61	Fertilizer Drill.....	66	Mulford Germ.....	80	Sulco-V. B.....	83
Lettuce.....	45	Fibre Saucers.....	84	Muriate of Potash.....	81	Sulphate of Ammonia.....	81
Lilies.....	62	Fibre Vases.....	84	Mushroom Spawn.....	48	Sulphate of Potash.....	81
Lily of the Valley.....	62	Fir Tree Oil Soap.....	82	Nico Fume.....	83	Sulphur.....	83
Mexican Vine.....	62	Fish Oil Soap.....	82	Nitrate of Soda.....	81	Sulphur Blower.....	74
Mint.....	43	Flower Pots.....	84	Nozzles.....	71, 74	Sulphur Candles.....	83
Onion Sets.....	48	Forks.....	70	Orchid Pans.....	84	Sulphate of Copper.....	83
Oxalis.....	62	Fumigators.....	74	Orchid Peat.....	79	Syringes.....	74
Parsley.....	50	Fungicide.....	82	Paper.....	75	Tankage.....	81
Pepper.....	50	Fungine.....	82	Paris Green.....	83	Thermometers.....	48, 75
Potatoes.....	52	Garden Line.....	68	Paris Green Shakers.....	74	Thermostats.....	75
Rhubarb Roots.....	54	Garden Reels.....	68	Peat.....	79	Thomson's Fertilizer.....	81
Shallots.....	48	Getz-There Soap.....	82	Pebbles.....	79	Thrip Juice.....	83
Sweet Potato.....	52	Glass Clamps.....	79	Phosphate.....	81	Tinfoil.....	75
Tomatoes.....	56	Glass Cleaner.....	79	Plant Food.....	81	Tobacco Dust.....	83
Tuberose.....	62	Glass Cutters.....	79	Plant Stakes.....	76	Tobacco Soap.....	83
Zephyranthus.....	62	Glazing Points.....	79	Plant Stands.....	72	Tobacco Stems.....	81, 83
		Grafting Tool.....	69	Plant Tie.....	76	Toothpicks.....	78
MISCELLANEOUS		Grafting Wax.....	69, 79	Plow Line Cotton.....	68	Toothpick Holders.....	78
Alphano Inoculant.....	80	Grape Dust.....	82	Plows.....	66	Tree Labels.....	78
Ant Exterminator.....	82	Grass Catchers.....	67	Potato Knives.....	52	Tree Paint.....	79
Aphine.....	82	Grass Shears.....	67	Potato Manure.....	81	Tree Scraper.....	70
Aprons.....	71	Greenhouse White.....	79	Potato Scab Destroyer.....	52	Trowels.....	70
Arsenate of Lead.....	82	Handy Gardener.....	68	Pot Hangers.....	84	Tubs.....	84
Ashes.....	80	Hanging Baskets.....	78	Pot Labels.....	78	Twine.....	30, 76
Asparagus Bunchers.....	30, 68	Harrows.....	66	Poudreite.....	81	Tree Tanglefoot.....	83
Asparagus Fertilizer.....	80	Heaters.....	72	Powder Gun.....	74	Vaporizing Lamps.....	74, 83
Asparagus Knives.....	30, 68	Hellebore.....	82	Pruners.....	69	Vases.....	78, 84
Asparagus Tape.....	30, 68	Hoes.....	70	Pruning Compound.....	69, 79	Vermine.....	83
Bacteria.....	80	Hog Manure.....	80	Pruning Gloves.....	69	Watering Cans.....	71
Basket Hooks.....	78	Horn Shavings.....	80	Pumps.....	73, 74	Weeders.....	70
Bean Poles.....	32	Horse Manure.....	81	Putty.....	79	Weed-Killer.....	79
Bellows.....	74	Hose.....	71	Putty Distributor.....	79	Wheat Fertilizer.....	81
Black Leaf 40.....	82	Hose Bands.....	71	Pyrox.....	83	Wheelbarrows.....	72
Blood (Dried).....	80	Hose Connections.....	71	Raffia.....	30, 76	Wheel Hoes.....	66
Bon Arbor.....	80	Hose Couplings.....	71	Raffia Tape.....	30, 76	Wire.....	76
Bone (Dissolved).....	80	Hose Menders.....	71	Rakes.....	70	Wire Baskets.....	78
Bone Flour.....	80	Hose Nozzles.....	71	Rat Corn.....	83	Wire Designs.....	77
Bone Meal.....	80	Hose Reducers.....	71	Rollers.....	67	Worm Destroyer.....	83
Bordeaux Arsenate.....	82	Hose Washers.....	71	Rolling Stands.....	84	Worm Eradicator.....	83
Bordeaux Material.....	82	Hotbed Mats.....	72	Readeana.....	83	Zementine.....	79
Boro Wax.....	82	Humus.....	80	Rubber Hose.....	71	Zenoleum.....	83
		Hydrant Attachment.....	71	Rubber Sprinklers.....	78	Zinco.....	79

MICHELL'S NOVELTIES AND SPECIALTIES IN FLOWER SEEDS FOR 1921

FOR GENERAL LIST OF FLOWER SEEDS SEE PAGES 6 to 27.



Alyssum, Michell's Bouquet

ALYSSUM, MICHELL'S BOUQUET

This new variety is of exceedingly dwarf and compact growth, very free flowering, plants forming a perfect bouquet of miniature white flowers. A perfect gem for edging. The plants commence to bloom when quite small and continue until frost. Our stock is grown by a special grower and is extra fine.

Per trade pkt., 40c.; \$2.50 per oz.



Pink Superb Aster

GIANT SNAPDRAGON (*Antirrhinum*) ROSE KING

In this novelty we have a new and distinct shade in the tall, large flowered class of Snapdragons. The plants throw up long spikes, bearing immense flowers of a brilliant carmine rose, deepening towards the centre. Per pkt., 30c.; 80c. per 3 pkts.

GIANT SNAPDRAGON (*Antirrhinum*) MICHELL'S SALMON PINK

An excellent strain of this popular florists flower; the plants grow to a height of 2 to 3 feet and produce extra long spikes of large flowers; color, delicate salmon pink. Per trade pkt., 40c.; \$2.00 per oz.



Aster, Pacific Beauty

ASTER, PACIFIC BEAUTY

A new variety of the Giant Comet type; the petals are wide and long and so gracefully curled as to give it an unusually attractive appearance. The plants are of vigorous growth, bearing a profusion of immense flowers, often measuring five to six inches in diameter. Color, a beautiful shade of rich lavender. Blooms from mid-season to late. Per trade pkt., 50c.; \$5.00 per oz.

ASTER, MICHELL'S PINK SUPERB

The flowers are of immense size, petals long and broad, those in the centre being curled and incurved to such an extent that the crown is completely covered. Color, beautiful shell pink; flowers are borne on long stems, making it a valuable sort for cutting. Per trade pkt., 50c.; \$4.00 per oz.

YORKTOWN HEIGHTS, N. Y.

Michell's Pink Superb Aster is in all respects a valuable acquisition. The plants are extra strong growers, and the beautiful pink flowers are of extraordinary size. It gives me pleasure to testify to the merits of this Aster.

Yours truly,

W. E. V.

Michell's Novelties and Specialties in Flower Seeds

3

ASTER, HEART OF FRANCE

A new variety, description of which we quote from the introducers: "The best pure red Aster ever introduced. Heart of France opens red as the ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing a glow and sheen quite unique. The flowers are large and full with no trace of a hollow center; the plants are of branching type and very robust; stems long and strong. Per pkt., 25c.; 70c. per 3 pkts.

ASTER, PEERLESS YELLOW

Plants are of branching habit and very vigorous; the flowers are large, full and ball-shaped, with centers deeply covered with curled and twisted florets. Color, a delicate hue of pure sulphur yellow. Per pkt., 25c.; 70c. per 3 pkts.



Asparagus Plumosus Nanus

ASPARAGUS, PLUMOSUS NANUS

We are Headquarters for True Greenhouse Grown Stock

Our Seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

Greenhouse Grown Seed

100 seeds.....	\$0.50	5,000 seeds.....	\$19.00
1,000 seeds.....	4.00	10,000 seeds.....	36.00
25,000 seeds.....			\$85.00

CALENDULA

MICHELL'S SPECIAL FORCING

We have an extra fine strain of this popular flower, grown for us by a very careful grower, seed being saved from plants producing large, perfectly double flowers; excellent as a pot plant or for bedding, as well as for cutting. Color, rich orange yellow. Per trade pkt., 50c.; \$2.00 per oz.

CELOSIA PLUMOSA

"Pride of Castle Gould"

A distinct type of Celosia Plumosa and of great value, both as a pot plant and for bedding. Plants are of pyramidal growth, about 2 to 3 feet high; immense flower heads, closely resembling ostrich plumes; colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture. Per trade pkt., 30c.; \$1.25 per 1/4 oz.



Aster, Heart of France

BEGONIA, GLOIRE DE CHATELAIN

A new variety of the Semperflorens type; a very attractive plant. The flowers are brilliant pink, and, being a perpetual bloomer, it makes a charming bedding or house plant. Per trade pkt., 50c.

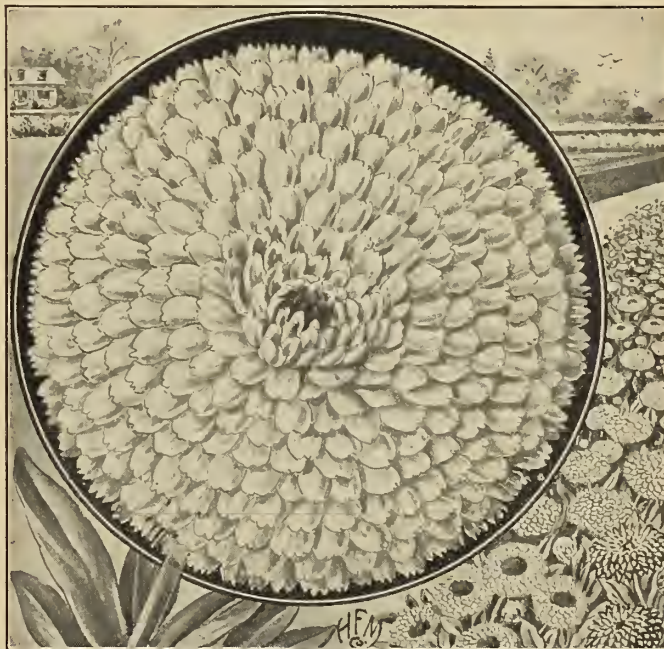
BEGONIA, MRS. PATTEN

A new variety of the same type as Gloire de Chatelaine; color of flowers deep rose. Per trade pkt., 50c.

BLUE LACE FLOWER

(Didiscus Coeruleus)

A beautiful annual, blooming from July until frost; excellent for cutting; color, pale lavender. Per trade pkt., 50c.



Calendula, Michell's Special Forcing

Michell's Novelties and Specialties in Flower Seeds



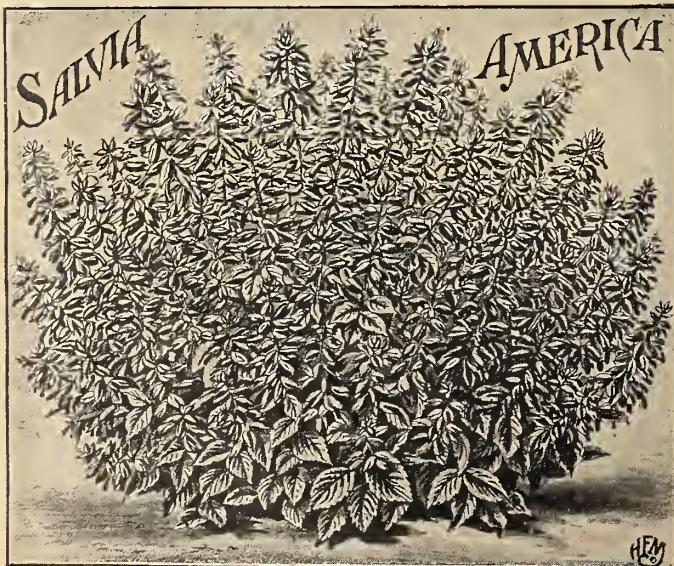
Lobelia Hybrida—Sapphire

LOBELIA HYBRIDA (Sapphire)

This new variety is of remarkably strong growth; excellent for the floral decoration of balconies and window fronts, for which trailing Lobelias are coming into demand. The flowers are unusually large for a Lobelia, measuring three-quarter inch across, and are thickly set on the long graceful sprays of foliage; color of flowers, intense deep blue with large, clearly defined white eye. A well-grown plant covered with these lovely blue oculate flowers makes a splendid sight. Per trade pkt., 40c.; \$1.00 per 1/8 oz.

LOBELIA ERINUS COMPACTUS BLUE BIRD

A new variety of this popular plant; of compact and bushy habit, combined with great freedom and continuity of bloom. Forms a sheet of bright ultramarine blue with a distinct white eye; will be found most satisfactory and effective for all bedding schemes. Per pkt., 30c.; 80c. per 3 pkts.



PORTLAND PETUNIAS

This new strain of Petunias was grown for us by a Specialist, seed bearing plants being raised in balcony boxes and flowers artificially pollinated. For planting of veranda boxes and for choice potted plants or for bedding out these Petunias, in select colors, never fail to appeal to the most critical buyers. With these Petunias the choicest seedlings are generally the slowest to develop.

Elks Pride. Deep, royal purple flowers of large size; free grower. Per trade pkt. (about 1000 seeds), \$1.00.

Irrington Beauty. A free blooming dwarf type, with peach blossom colored flowers of good size; fringed edges and distinct white throat. Excellent for pots or bedding. Per trade pkt. (about 1000 seeds), \$1.00.

Pride of Portland. Large, deep rose pink fringed flowers, with whitish yellow throat; fine for pots or box planting. Per trade pkt. (about 1000 seeds), \$1.00.

Scarlet Beauty. A strong grower with medium sized fringed flowers; color, shading from cherry red to deep maroon towards the center. Per trade pkt. (about 500 seeds), \$1.00.

White Beauty. Fine pure white flowers in greatest profusion; good sized flowers with fringed edges. Excellent for veranda box planting. Per trade pkt. (about 1000 seeds), \$1.00.



Portland Petunia

PRIMULA OBCONICA GIGANTEA MONSTER STRAIN

An extra large flowering type of this popular Primula. Seeds grown for us by a Specialist. Trade Pkt.

Apple Blossom. Soft pink..... \$1.00

Kermesina. Deep crimson..... 1.00

Plathii. Brilliant deep rose..... 1.00

Rosea. Pink..... 1.00

Trade packets contain about 500 seeds.

NEW SALVIA (Scarlet Sage) AMERICA OR GLOBE OF FIRE

A new variety of this popular flower; of dwarf, bushy, compact growth, and very uniform in height and shape. A free and continuous bloomer, and produces large spikes of brilliant scarlet flowers. We consider this variety an improvement over any other dwarf Salvia. Per trade pkt., 50c.; \$1.25 per 1/4 oz.; per oz., \$4.00.

Michell's Novelties and Specialties in Flower Seeds

5

VERBENAS, GRANDIFLORA MAMMOTH

Rose Queen. A new variety, originating from the well-known variety "Helen Willmott" as a result of many years selection. Flowers are of a lovely delicate rose; the individual blooms are unusually large, often exceeding one inch and sometimes one and one-half inches in diameter, and, as twenty to thirty of them are often produced on a single umbel, some idea may be formed of the magnificent effect which a bed of this novelty will produce. Blooms very early. Per pkt., 30c.; 80c. per 3 pkts.

Scarlet Queen. This new variety produces flowers of the most vivid scarlet, similar to that of the "Defiance," but with a large and distinct white eye, which occupies almost half the surface of the corolla. The blooms often exceed an inch in diameter and succeed each other for a very long period, so that nothing finer can be conceived of for striking bedding effects. Per pkt., 30c.; 80c. per 3 pkts.

Snow Queen. Of a pure, snowy white, the blooms of this excellent new sort are very large, and the umbels being produced in great profusion, nothing can exceed it for the decoration of beds and borders, particularly in conjunction with other brighter hued giant verbenas. Per pkt., 30c.; 80c. per 3 pkts.



Zinnia, Rose King

GIANT ZINNIA "ROSE KING"

A new variety of the popular Giant Zinnias, bearing flowers of a beautiful carmine rose tint, a color which did not hitherto exist in this strain. The flowers are of immense size, probably surpassing those of any other Zinnia, often attaining a diameter of 6 to 7 inches. This new variety will be of highly ornamental effect in the garden. Per pkt., 30c.; 80c. per 3 pkts.

GIANT DAHLIA FLOWERED ZINNIA

The flowers of this new variety are distinct from the ordinary giant flowering class, being of a true Dahlia flowering type, and when cut and placed by Dahlias it is difficult to distinguish one from the other. Flowers very large, free bloomers; mixed colors. Per trade pkt., 40c.; \$2.00 per oz.

ZINNIA, GIANT BUTTERCUP

A new and very attractive variety; flowers extra large, perfectly double and of a rich, deep buttercup yellow. Per trade pkt., 30c.; \$1.50 per oz.

Gentlemen:—

Abilene, Kans.

Our Memorial crop of Stocks (seed purchased from your firm) were as fine as any we have ever seen.

Respectfully yours,

M. B.



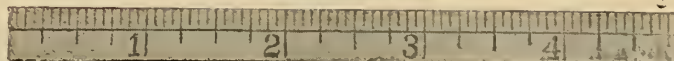
Verbena, Rose Queen

STOCK, MAMMOTH TEN WEEK SNOWDRIFT

Though belonging to the Nice or Mammoth class, this variety blooms much earlier than the other varieties, and while resembling them in habit and shape of spike, it is even more floriferous than the majority, producing many side stems, each thickly set with snowy white blossoms. Excellent for bedding or cutting. Per pkt., 40c.; 75c. per 2 pkts.

GIANT PICOTEE ZINNIA GOLDEN PHEASANT

A remarkable new and distinct class of Zinnias; extra large double flowers; color, gold ground, each petal tipped with maroon; desirable for bedding or cutting. Per trade pkt., 50c.; \$3.00 per oz.



Zinnia, Giant Dahlia Flowered

MICHELL'S DISTINCTIVE FLOWER SEEDS.



"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction. Our wonderfully increased trade is our best proof for this claim.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.

NOTE.—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1-3 per cent. from our retail catalog prices.

On Flower Seeds quoted in this Catalog there is no extra charge for Parcel Post, excepting for Registry or Insurance.

Fractions of ounces are supplied as follows:

Where price per oz. is	1/2 oz.	1/4 oz.	Where price per oz. is	1/2 oz.	1/4 oz.
\$0.10.....	—	—	\$0.65.....	\$0.35	\$0.20
.15.....	\$0.10	—	.75.....	.40	.25
.20.....	.10	—	1.00.....	.50	.30
.25.....	.15	\$0.10	1.25.....	.65	.35
.30.....	.15	.10	1.50.....	.75	.40
.35.....	.20	.10	1.75.....	.90	.50
.40.....	.20	.15	2.00.....	1.00	.60
.50.....	.25	.15	2.25.....	1.15	.60
.60.....	.30	.20	2.50.....	1.25	.65

ABUTILON (Flowering Maple) Trade Pkt. Oz.

Choicest Mixed.....\$0.40 \$2.50

ACHILLEA

Perennial, flowering continuously all summer.

Ptarmica, fl. pl. "The Pearl." Double white..... .50 3.00

ACONITUM (Monk's Hood)

Napellus. Perennial; long spikes of blue flowers.... .25 1.50

ACROCLINIUM (Everlasting)

Excellent for cutting fresh, or for winter bouquets.

Double Rose Pink..... .20 .60
" White..... .20 .60
" Mixed..... .15 .40

AGROSTEMMA (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers.. .15 .35

ALYSSUM

Lilac Queen. Dwarf and compact; flowers lilac... .30 1.00

Little Dorritt. Even more compact than Little Gem and desirable for a pot plant..... .15 .60

Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed..... (1/4 lb., \$1.75) .15 .50

Michell's Bouquet (New). Forms a perfect bouquet of miniature white flowers; a perfect gem for edging. For illustration and full description see page 2. .40 2.50

Sweet (Alyssum Benthami). The well-known fragrant white..... (1/4 lb., 75c.) .15 .25

Saxatile Compactum. Perennial; golden yellow... .20 1.00

AMARANTHUS

Caudatus (Love-Lies-Bleeding). Blood red leaves.... .15 .25

Tricolor Splendens (Joseph's Coat). Various colors.. .15 .60

Mixed..... .15 .25



Ageratum, Blue Perfection

AGERATUM (Floss Flower)

	Trade Pkt.	Oz.
Blue Perfection. Best dark blue; height, 12 in....	\$0.15	\$0.6
Imperial Dwarf Blue. Height, 8 inches.....	.15	.4
Imperial Dwarf White. Height, 8 inches.....	.15	.4
Little Blue Star. Dainty little plant; very dwarf...	.40	

AMPELOPSIS

Veitchi (Boston or Japanese Ivy)..... (1/4 lb., 75c.) .15 .2

ANCHUSA

Italica, "Dropmore Variety." Perennial branching plant; 4 feet; light blue flowers..... .25 1.0

ANEMONE (Windflower)

Hardy perennial; excellent for cutting.
Coronaria. Mixed..... .15 .6
St. Brigid. Semi-double; various colors..... .30 2.0

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like, bright yellow flowers .25 1.0

NEW DWARF ALYSSUM

Michell's Bouquet

This new variety is of very dwarf and compact growth; free flowering; forms a perfect bouquet of miniature white flowers. A perfect gem for edging.

Trade pkt., 40c.; \$2.50 per oz.



ANTIRRHINUM (Snapdragon)

Extensively used for cutting, both summer and winter; also useful for bedding.



Giant Antirrhinum (Snapdragon)

Micell's Giant Salmon Pink. A valuable addition to this popular flower; extra long spikes of flowers of a delicate salmon pink. Trade pkt., 40c.; \$2.00 per oz.

Keystone. Large spikes; color, rose pink. Per pkt., \$1.00. Trade Pkt. Oz.

Giant Garnet. \$0.20 \$0.75

" **Pink.** .20 .75

" **Scarlet.** .20 .75

" **Striped.** .20 1.00

" **Venus.**
Shell
pink on
white
ground. .30 1.25

" **White.** .20 .75

" **Yellow.** .20 .75

" **Mixed.** .20 .60

ANTIRRHINUM (Semi-Dwarf)

These grow about 18 inches high and are the best for bedding.

Bride. Pure white. Trade pkt., 25c.; \$1.25 per oz.

Daphne. Pink. Trade pkt., 20c.; \$1.00 per oz.

Defiance. Fiery scarlet. Trade pkt., 20c.; \$1.00 per oz.

Firebrand. Deep red. Trade pkt., 20c.; \$1.00 per oz.

Golden Queen. Yellow. Trade pkt., 20c.; \$1.00 per oz.

Mont Blanc. Pure white. Trade pkt., 20c.; \$1.00 per oz.

Nelrose. Pink. Trade pkt., 40c.

Pink Gem. Rose pink. Trade pkt., 20c.; \$1.00 per oz.

Rose Queen. Rich rose. Trade pkt., 20c.; \$1.00 per oz.

Mixed. Trade pkt., 20c.; 75c. per oz.

Tall Mixed. Regular strain; 2 feet. Trade pkt., 15c.; 50c. per oz.

Tom Thumb Mixed. 12 inches. Trade pkt. 20c.; \$1.00 per oz.

AQUILEGIA (Columbine)

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

Trade Pkt. Oz.

Californica Hybrida. Mixed colors. .30 \$1.75

Chrysantha. Yellow. .40 2.00

Coerulea. Blue and white. .30 1.50

Long Spurred Hybrids. Mixed colors. .30 1.50

Rose Queen. Deep rose. .40 3.00

Double Mixed. .15 .60

Single Mixed. .15 .50

ARABIS (Rock Cress)

Alpina. Perennial; dwarf edging plant; flowers pure white. .15 .50

ARCTOTIS (African Daisy) Trade Pkt. Oz.

Grandis. Daisy-like flowers on long stems; color pure white on upper surface, reverse side of petals lilac-blue; splendid for cutting. \$0.15 \$0.50

ARTEMISIA

Sacrorum Viridis (Summer Fir). Pyramidal bushes, 3 to 5 feet high; may be grown in groups or borders; foliage fine and of a rich dark green. .20 .60

ARUNDO. See Grasses, page 15.



Asparagus Plumosus Nanus

ASPARAGUS

PLUMOSUS NANUS

We are Headquarters for the true Greenhouse Grown Strain

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

Greenhouse Grown Seed

100 seeds.....\$0.50	5,000 seeds.....\$19.00
1,000 seeds.....4.00	10,000 seeds.....36.00
25,000 seeds.....\$85.00	

Lathhouse Grown Seed

100 seeds.....\$0.30	5,000 seeds.....\$10.75
1,000 seeds.....2.25	10,000 seeds.....20.00
25,000 seeds.....\$47.50	

ASPARAGUS HATCHERII

New Type of Plumosus

100 seeds.....\$0.60	500 seeds.....\$2.75
1,000 seeds.....\$5.00	

ASPARAGUS SPRENGERI

100 seeds.....\$0.25	5,000 seeds.....\$6.75
1,000 seeds.....1.50	10,000 seeds.....12.50
25,000 seeds.....\$28.75	

Larger quantities of Asparagus seed quoted on application.

ASPERULA

Trade Pkt. Oz.

Odorata (Sweet Woodruff). Suitable for hardy borders; dwarf, white. \$0.25 \$1.00

AURICULA (Primula Auricula)

Choice Mixed. Hardy perennial with flowers of many beautiful colors. .50 3.00

AVENA See Grasses, page 15.

MICHELL'S SUPERB ASTERS



We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results.

DAYBREAK ASTERS

This class forms strong plants of symmetrical growth; free flowering; fine for bedding, also for cutting.

	Trade Pkt.	Oz.
Michell's Purity (White Daybreak). Color, pure glistening white....	\$0.40	\$2.50
Pink Daybreak. Delicate pink...	.40	2.50
Salmon Daybreak. The color is novel and pleasing.....	.40	3.50

GIANT COMET ASTERS

Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers on long stems. Trade Pkt. Oz.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Crimson.....	\$0.30	\$1.50	Peach Blossom..	\$0.30	\$1.50
Dark Blue.....	.30	1.50	Pink and White.	.30	1.50
Light Blue.....	.30	1.50	White.....	.30	1.50
			Choice Mixed...	.30	1.25

INVINCIBLE ASTERS

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are large, perfectly double and produced on long stems.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Blue.....	\$0.30	\$1.75	Rose Pink.....	\$0.30	\$1.75
Crimson.....	.30	1.75	White.....	.30	1.75
Lavender.....	.30	1.75	Mixed.....	.30	1.50

ASTER, HEART OF FRANCE

Flowers large and full to the centre; opens ruby red and deepens with age; plants are of branching type; flower stems long. Pkt. 25c.

ASTERMUM

A valuable variety of the Giant Comet type; plants grow straight up, with strong, sturdy stems starting near the base, and owing to the symmetry of the plant, they may be set more closely than other varieties. Flowers large.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Lavender.....	\$0.40	\$2.25	White.....	\$0.40	\$2.25
Rose Pink.....	.40	2.25	Mixed.....	.40	2.00
Shell Pink.....	.40	2.25			

AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the Late Branching Aster; flowers are produced on long heavy stems, are large and double. Trade Pkt. Oz.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Carmin Rose..	\$0.50	\$2.00	Purple.....	\$0.50	\$2.50
Lavender.....	.50	2.50	Shell Pink.....	.50	2.50

EARLY WONDER ASTERS

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long stems.

	Trade Pkt.	Oz.
Light Blue	\$0.40	\$2.25
Pink .....	.40	2.25
White.....	.40	2.25

CREGO ASTERS

One of the finest varieties of Asters, and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge Chrysanthemum.

	Trade Pkt.	Oz.
Azure Blue....	\$0.40	\$2.00
Lavender.....	.40	2.00
Purple.....	.40	2.00
Rose Pink.....	.40	2.00
Shell Pink.....	.40	2.00
White.....	.40	2.00
Mixed.....	.30	1.50



MICHELL'S SUPERB ASTERS

9

KING ASTERS

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved.

	Trade Pkt.	Oz.
Crimson King. Rich deep crimson	\$0.40	\$2.25
Lavender King. Pale lavender .....	.40	2.25
Pink King. Delicate shell pink .....	.40	2.25
Purple King .....	.40	2.25
Rose King. Deep rose color .....	.40	2.25
Violet King. A pleasing shade of soft violet...	.40	2.25
White King. Flowers large; pure white .....	.40	2.25
Mixed King .....	.40	2.00



MICHELL'S IMPROVED SEMPLE'S BRANCHING ASTER

The finest late blooming Aster. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems.

	Trade Pkt.	Oz.
Crimson	\$0.30	\$1.50
Lavender .....	.30	1.50
Purple .....	.30	1.50
Rose Pink .....	.30	1.50
Shell Pink .....	.30	1.50
White .....	.30	1.50
Mixed .....	.30	1.25

SEMPL'S
BRANCHING.



ROYAL BRANCHING ASTERS

One of the best Asters of recent introduction; of branching habit, and producing large flowers; has all the good qualities of the Late Branching type, and coming into bloom nearly as early as the "Queen of the Market."

	Trade Pkt.	Oz.
Lavender	\$0.40	\$2.25
Purple .....	.40	2.25
Rose Pink .....	.40	2.25
Shell Pink .....	.40	2.25
White .....	.40	2.25
Mixed .....	.40	2.00



QUEEN OF THE MARKET ASTERS (Extra Early)

The standard-bearer of the early flowering sorts. Our strain has been re-selected for its earliness and will prove of exceptional quality.

	Trade Pkt.	Oz.
Blush Pink	\$0.25	\$1.00
Crimson .....	.25	1.00
Dark Blue .....	.25	1.00
Light Blue .....	.25	1.00
Rose Pink .....	.25	1.00
White .....	.25	1.00
Mixed .....	.20	.75

VICTORIA ASTERS

Flowers are of large size; petals recurved; plants fairly dwarf and compact; excellent for bedding.

	Trade Pkt.	Oz.
Azurea, Blue Bird ..	\$0.40	\$2.00
Pale Lavender .....	.40	2.00
Rose Pink .....	.40	2.00
Salmon Pink .....	.40	2.00

ASTERS, VARIOUS SORTS

	Trade Pkt.	Oz.
Lady Roosevelt. One of the finest of recent introductions; flowers resemble incurved Chrysanthemums; color a gorgeous pink, of marvelous beauty.	\$0.50	\$2.50
Lavender Gem. An excellent variety of "Comet" form, perfectly double flowers; color lavender ...	.40	2.50
Michell's "Pink Superb." Flowers immense size, petals long and broad, those in the centre lie curled and incurved, covering the crown; color, shell pink.	.50	4.00
Pacific Beauty. Of the same type as Crego; immense flowers of a rich lavender color. For illustration and full description, see novelty pages .....	.50	5.00
Peerless Pink. A valuable variety of the late branching type, coming into bloom a little earlier; double flowers of a rich shell pink color, very similar in shade to the Mary Semple variety .....	.50	2.50
Peerless White. Color, pure white .....	.50	2.50
Peerless Yellow. Pure sulphur yellow. Pkt. 25c.		
Vick's Silvery Rose. Deep lilac rose, delicately threaded with white; large flowers on long stems. Per pkt., 25c.		
China Mixed. Contains many sorts and colors ....	.15	.50
Perennial. (Michaelmas Daisy). All colors .....	.25	1.50

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

BALLOON VINE

Cardiospermum. Per oz., 15c.; 50c. per ¼ lb.

BALSAM (Lady Slipper)

A very desirable annual; the White Perfection and Prince Bismarck varieties are excellent for design work. Trade Pkt. Oz.

<i>Camellia Flowered Pink</i>	\$0.20	\$0.75
" " <i>Prince Bismarck</i> . Rich salmon		
pink.....	.25	1.00
" " <i>Scarlet</i>.....	.20	.75
" " <i>White Perfection</i>.....	.25	1.00
" " <i>Choice Mixed</i>.....	.20	.50
Fine Mixed.....	.15	.35

BALSAM APPLE

Momordica Balsamina..... .15 .30

BAPTISIA (False Indigo)

Australis. Tall showy plants with deep blue flowers; perennial..... .20 1.00

BARTONIA

Aurea. Dwarf edging plant; yellow flowers..... .15 .35

BEANS (Flowering and Running)

Scarlet Runner. Per lb., 40c.; 75c. for 2 lb.



Begonia, Gracilis Luminosa

BEGONIAS

As a bedding plant there is nothing more satisfactory; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May. Trade Pkt. Oz.

<i>Semperflorens Erfordia</i> . Pink.....	\$0.50	
" <i>Gloire de Chatelaine</i> . A beautiful		
flowering variety; color, soft rose pink	.50	
" <i>Mrs. Patten</i> . Deep rose.....	.50	
" <i>Salmon Queen</i> . Salmony red.....	.50	
" <i>Vernon</i> . Deep red.....	.50	5.00
" <i>Choice Mixed</i>.....	.50	5.00

BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; an easy seller. Trade Pkt.

<i>Gracilis Alba</i> . Pure white.....(¾ oz., \$1.00)	\$0.30
" <i>Luminosa</i> . Fiery dark scarlet.....(¾ oz., \$1.75)	.40
" <i>Prima Donna</i> . Rose, shading to	
carmine.....(¾ oz., \$2.00)	.50
" <i>Rosea</i> . Pink.....(¾ oz., \$1.00)	.30

Begonia, Rex Hybrids

Handsome variegated leaves. Pkt., 34 cents.

BEGONIAS, TUBEROUS ROOTED

These are easily raised from seed; produce enormous flowers and are excellent for bedding, window boxes or pot culture. Trade Pkt.

<i>Single Mixed</i>.....(¾ oz., \$2.50)	\$0.50
<i>Double Mixed</i> . Pkt., 34c.	

BELLIS PERENNIS (See Daisy)

BOCCONIA (Plume Poppy)

Trade Pkt. Oz.

Cordata. Hardy perennial; creamy white flowers...\$0.15 \$0.50

BOLTONIA (False Chamomile)

Latisquama. Perennial; aster-like flowers, pink tinged with lilac..... .25 1.50

BRACHYCOME (Swan River Daisy)

Iberidifolia. A profuse flowering annual with small blue flowers..... .20 .75

BRIZA. See Grasses, page 15.

BROMUS. See Grasses, page 15.

BROWALLIA

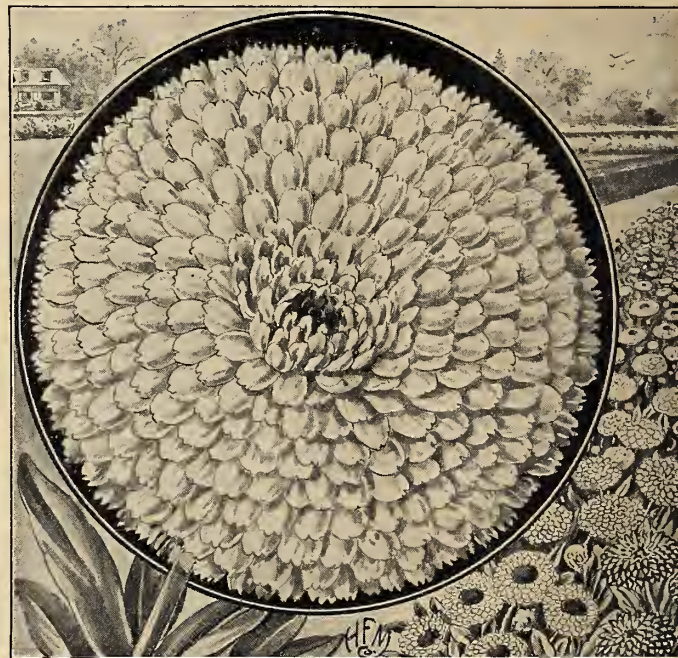
Elata Coerulea. Blue..... .20 1.00

Speciosa Major. Most desirable variety as a pot plant; large flowers, rich blue..... .50

CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled. ½ Trade Trade

	Pkt.	Pkt.
<i>Hybrida Grandiflora</i> . Choice mixed.....	\$0.60	\$1.00
<i>Hybrida Grandiflora Compacta</i> . Dwarf, mixed..	.60	1.00
<i>Sutton's Perfection</i> . In original packages, \$1.25.		



Calendula, Michell's Special Forcing

CALENDULA (Pot Marigold)

Raised extensively as a pot plant, or for bedding; excellent for cutting. Trade Pkt. Oz. ¼ lb.

<i>Michell's Special Forcing</i> . Have procured		
an extra fine strain of this forcing variety;		
large flowers of a rich, orange yellow color.....	\$0.50	\$2.00
<i>Lemon King</i> . Lemon yellow.....	.15	.25 \$0.60
<i>Meteor</i> . Orange striped.....	.15	.25 .60
<i>Orange King</i> . Rich dark orange.....	.15	.25 .60
<i>Prince of Orange</i> . Dark orange striped....	.15	.25 .60
<i>Pure Gold</i> . Golden yellow.....	.15	.25 .60
<i>Mixed</i>.....	.15	.25 .60

CALIFORNIA POPPY. See Eschscholtzia.

CALLIOPSIS (Coreopsis)

ANNUAL VARIETIES Trade Pkt. Oz.

<i>Golden Wave (Drummondii)</i> . Golden yellow flowers..	\$0.15	\$0.25
<i>Nigra Speciosa</i> . Rich crimson maroon.....	.15	.25
<i>Choice Mixed</i>.....	.15	.25

PERENNIAL VARIETIES

Splendid flowers for cutting during the whole summer.		
<i>California Sunbeams</i> . Large flowers; yellow and brown.....	.15	.50
<i>Lanceolata Grandiflora</i> . Large golden yellow....	.15	.35

CALENDULA

Michell's Special Forcing

The Calendura is becoming very popular for cut flowers; it is also excellent as a pot plant. Our strain is extra fine; seeds saved from plants producing perfectly double flowers. Color, rich orange yellow.

Trade pkt., 50c.; \$2.00 per oz.



CAMPANULA (Bell Flower)

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade Pkt.	Oz.
Carpatica Blue. Dwarf, 6 inches.....	\$0.20	\$1.00
" White. Dwarf, 6 inches.....	.20	1.00
Media Calycanthema (Cup and Saucer). Blue.....	.30	2.00
" " Pink.....	.30	2.00
" " White.....	.30	2.00
" " Mixed.....	.25	1.50
" Single, Blue.....	.15	.50
" " Pink.....	.15	.50
" " White.....	.15	.50
" " Mixed.....	.15	.40
" Double, Mixed.....	.25	1.25
Persicifolia Grandiflora Blue. Grows 3 to 4 feet high and produces large bell-shaped flowers along the whole stem.....	.50	3.00
Persicifolia Grandiflora White.....	.50	3.00
Pyramidalis (Chimney Bell Flower). 6 feet. Blue and white mixed.....	.25	1.25

CANARY BIRD VINE

Tropaeolum Canariense. Flowers yellow.....	.15	.50
--	-----	-----



Candytuft, Michell's Giant White

CANDYTUFT (Iberis)

Splendid edging plants, and also valuable for cutting.

	Trade Pkt.	Oz.	1/4 lb.
Carmine.....	\$0.15	\$0.25	\$0.75
Crimson.....	.15	.25	.75
Empress. Large white..... (Lb., \$2.75)	.15	.25	.75
Lavender.....	.15	.25	.75
Little Prince. Very dwarf; white.....	.15	.30	1.00
Michell's Giant White. Immense spikes of white flowers..... (Lb., \$4.00)	.15	.50	1.50
Pink.....	.15	.30	1.00
Purple.....	.15	.30	1.00
Mixed. All colors.....	.15	.40	
Sempervirens. Perennial; fine for edging borders; white.....	.40	2.50	

CANNA (Indian Shot)

Seedlings will bloom in June if sown early.

Crozy's Dwarf Mixed. From the finest sorts....	.20	.60
--	-----	-----

CARDINAL CLIMBER Trade Pkt. Oz.

Ipomoea Quamoclit Hybrida. A rapid growing annual climber, bearing a profusion of fiery, cardinal red flowers. In order to have good germination, a small notch should be filed or cut in each seed....	\$0.50	\$2.00
---	--------	--------

CARNATION. See next page.

CASTOR OIL BEANS. See Ricinus.
CELOSIA. See next page.



CENTAUREA

CENTAUREA CYANUS (Cornflower)

Very popular annuals, flowering freely.

	Trade Pkt.	Oz.
Double Blue. Splendid for forcing... (1/4 lb., \$1.50)	\$0.15	\$0.50
Emperor William. Deep blue..... (1/4 lb., 75c.)	.15	.25
Pink.....	.15	.30
White.....	.15	.30
Choice Mixed..... (1/4 lb., 75c.)	.15	.25
Double Mixed.....	.15	.30

CENTAUREA IMPERIALIS

Giant Cornflower, or Sweet Sultan.

Large sweet scented flowers; fine for cutting.

Deep Rose.....	\$0.20	\$0.75
Lavender.....	.20	.75
Lilac.....	.20	.75
Brilliant Pink.....	.20	.75
Purple.....	.20	.75
White.....	.20	.75
Choice Mixed.....	.15	.50

NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.

Bride. Pure white.....	\$0.30
Bridegroom. Purplish mauve.....	.30
Honeymoon. Golden yellow.....	.30

WHITE LEAVED CENTAUREAS (Dusty Miller)

Excellent for borders, vases, baskets, etc.

Candidissima. Broad cut silvery gray foliage. (1000 seeds, 40c.).....	\$2.00
Gymnocarpa. Fine cut silvery foliage. (1000 seeds, 20c.).....	.75

VARIOUS CENTAUREAS

Suaevolens. Large yellow.....	.15	.50
Montana. Perennial; blue.....	.25	1.00



Cineraria, Michell's Grandiflora Prize

CARNATION

	Trade Pkt.	Oz.
Chabaud's Everblooming. Choice mixed.....	\$0.40	\$1.75
Choice Mixed. Double border.....	.40	1.50
Early Vienna Mixed.....	.30	1.50
Marguerite Excelsior, Mixed. Extra large flowers..	.30	1.50
" Pink.....	.30	1.75
" White.....	.30	1.75
" Scarlet.....	.30	1.75
" Yellow.....	.30	1.75
" Choice Mixed.....	.20	1.25

CELOSIA**CRISTATA OR COCKSCOMB VARIETIES**

Giant Empress. Bright crimson; dark foliage....	\$0.25	\$1.50
Glasgow Prize. Dark crimson.....	.25	2.00
Choice Mixed. Dwarf sorts.....	.20	.75

PLUMOSA OR FEATHERED VARIETIES

Childsii (Chinese Woolflower). Large, ball-shaped scarlet flowers.....	\$0.40	\$2.50
Childsii, Pink. Same type as above; flowers delicate pink.....	.50	3.00
Golden Plume. Deep golden yellow.....	.15	.50
Pride of Castle Gould. Color, blood red, carmine, yellow, orange, scarlet, etc., in mixture, 1/4 oz., \$1.25	.30	
Scarlet.....	.15	.40
Spicata. Bright rose, turning to silvery white.....	.15	.40
Thompsoni Magnifica. Various colors.....	.20	1.00
Thompson's Superb. Crimson.....	.15	.60
Choice Mixed.....	.15	.40

CENTAUREA. See page 11.**CERASTIUM (Snow in Summer)**

Tomentosum. Dwarf, white leaved edging plant; flowers white; perennial.....	.30	1.75
--	-----	------

CHRYSANTHEMUM**ANNUAL VARIETIES**

	Trade Pkt.	Oz.
Helios (Evening Star). Large golden yellow.....	\$0.15	\$0.30
Double Mixed.....	.15	.25
Single Mixed.....	.15	.25

PERENNIAL VARIETIES

Japanese Hybrids. Autumn flowering; mixed....	.50	
King Edward VII. Extra large; pure white.....	.20	.75
Shasta Daisy "Alaska." Pure white.....	.40	2.00

CLARKIA

An elegant annual for cutting.

Elegans, Queen Mary. Double rose carmine....	.15	.60
" Salmon Queen. Double salmon.....	.15	.60
" Scarlet Queen. Double orange scarlet..	.15	.60
" White. Double.....	.15	.60
" Double Mixed.....	.15	.40
" Single Mixed.....	.15	.30



Cineraria, Stellata Hybrida

MICHELL'S "DISTINCTIVE" CINERARIAS

Our Grandiflora Prize Strain cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across. The Stellata varieties make exceedingly decorative pot plants.

	1/2 Trade Pkt.	Trade Pkt.	Trade Oz.
Grandiflora Prize Dwarf. Mixed colors.....	\$0.60	\$1.00	
Grandiflora Prize Medium Tall. Mixed colors...	.60	1.00	
Hybrida, Choice Mixed.....	.30	.50	
Matador. Large flowering scarlet.....	.60	1.00	
Stellata Hybrida. Mixed colors.....	.60	1.00	

CINERARIA (Dusty Miller)

	Trade Pkt.	Oz.
Maritima Candidissima. White leaved; much in demand for bedding, vases, baskets, etc.....	\$0.15	\$0.30

CLEMATIS

Flammula. Feathery white flowers.....	.15	.30
Paniculata. White star-shaped flowers.....	.15	.50

CLEOME (Giant Spider Plant)

Pungens. Rose-colored flowers.....	.15	.25
------------------------------------	-----	-----

COBEA SCANDENS (Cups and Saucers Vine)

Seeds should be placed edgewise to insure good germination.

	Trade Pkt.	Oz.
Purple..... (1/4 lb., \$1.25)	\$0.15	\$0.40
White.....	.20	.75

COIX LACHRYMAE. See Grasses, page 15.**COLEUS**

Larged Leaved. Choicest mixed.....	\$0.50	
------------------------------------	--------	--

COLUMBINE. See Aquilegia.**CONVOLVULUS (Morning Glory)****Major or Tall Varieties**

	Trade Pkt.	Oz.	1/4 lb.
Double Snow Fairy. Pure white.....	\$0.15	\$0.50	
Double Flowering. Mixed colors.....	.15	.50	1.50
Japanese Imperial. Mixed.....	.15	.50	
Japanese Imperial Fringed. Mixed.....	.15	.25	.75
Mixed. Ordinary variety..... (Lb., 75c.)	.10	.25	

Minor or Dwarf Varieties

Tricolor. Blue.....	.15	.50	
Mixed.....	.10	.25	

COREOPSIS. See Calliopsis.**CORNFLOWER. See Centaurea.**

Greensburg, Ind.

The results derived from Michell's Seeds have been a source of great satisfaction to me and are deserving of the highest recommendation.

W. C. K.

CYCLAMEN

Michell's Giant Show

We offer an extra fine strain of this; seed grown by a Cyclamen specialist. Cannot be surpassed for large size and beautiful coloring of the flowers.

Bright Red, Dark Blood Red, Glory of Wandsbek. Salmon red, **Perle of Zehlendorf.** Salmon pink, **Pure White, Rose of Marienthal.** Bright pink, **White with Carmine Eye.**

Each of the above, per 100 seeds, \$2.00; \$17.50 per 1000 seeds.

Choice Mixed Colors. Per 100 seeds, \$1.50; \$12.50 per 1000 seeds.





Michell's Giant-Flowering Cosmos

COSMOS**Early Flowering**

This strain will begin blooming as early as July and continue until frost.

	Trade Pkt.	Oz.
Large Early Flowering, Crimson	\$0.15	\$0.50
" " " Pink.....	.15	.50
" " " White.....	.15	.50
" " " Mixed.....	.15	.40

Late Flowering

The new double flowering strains are becoming very popular with the florists for cutting.

	Trade Pkt.	Oz.
Crimson Ray . Narrow fluted crimson petals, in star-like form.....	\$0.15	\$0.50
Double Crested, Pink Beauty.....	.40	1.75
" " White Queen.....	.40	1.75
" " Mixed.....	.40	1.75
" Eureka Pink (1/8 oz., \$1.00)	.50	
" Snowball . White..... (1/8 oz., \$1.00)	.50	
Giant Flowering, Crimson.....	.15	.30
" Pink.....	.15	.30
" White.....	.15	.30
" Mixed.....	.15	.25
" Fancy Varieties . Mixed.....	.25	.75
Klondyke . Yellow.....	.20	.75
Lady Lenox . Immense flowers; color, shell pink...	.15	.40
White Lady . A new pure white variety of large size.	.15	.40

COWSLIP. See Primula Veris.**CUPHEA (Cigar Plant)**

Platycentra . Scarlet.....	.40
-----------------------------------	-----

CYPERUS (Umbrella Plant)

Alternifolius30	1.50
----------------------------	-----	------

CYPRESS VINE (Impomoea Quamoclit)

Scarlet.....	.15	.40
White.....	.15	.40
Mixed.....	.15	.30

DAHLIA

Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before June.

	Trade Pkt.	Oz.
Double Cactus . All colors mixed.....	\$0.40	\$2.00
Double Large Flowering . Show type; mixed.....	.30	1.50
Single Collarette . Flowers of various colors, with a collar of small petals around the centre.....	.25	1.00
Single Giant Perfection . Mixed.....	.20	.75

CYCLAMEN—Michell's Giant Show

Our Cyclamen seed is grown for us by specialists, and cannot be excelled. Numerous first prizes have been awarded for the large size and beautiful coloring of the flowers. Seed is saved only from perfect plants.

Bright Red.	Pure White.
Dark Blood Red.	Rose of Marienthal.
Glory of Wandsbek. Salmon red.	Bright pink.
Perle of Zehlendorf. Salmon pink.	White with Carmine Eye.
Each of the above colors, per 100 seed, \$2.00; \$17.50 per 1,000 seed; 2,500 seed at \$17.00 per 1,000; 5,000 seed at \$16.00 per 1,000; 10,000 seed at \$15.00 per 1,000.	
Mixed Colors. Per 100 seed, \$1.50; \$12.50 per 1,000 seed; 2,500 seed at \$12.00 per 1,000; 5,000 seed at \$11.00 per 1,000; 10,000 seed at \$10.00 per 1,000.	

CYCLAMEN—Michell's Large Flowering

Duke of Connaught. Crimson.	Salmon Queen. Salmon pink.
Excelsior. White with red base.	St. George. Delicate salmon; foliage marbled.
Grandiflora Alba. White.	
Princess of Wales. Pink.	
Each of the above, per 100 seed, \$1.75; \$14.00 per 1,000 seed; 2,500 seed at \$13.50 per 1,000; 5,000 seed at \$13.00 per 1,000; 10,000 seed at \$12.50 per 1,000.	
Mixed Colors. Per 100 seed, \$1.25; \$11.00 per 1,000 seed; 2,500 seed at \$10.50 per 1,000; 5,000 seed at \$10.00 per 1,000; 10,000 seed at \$9.50 per 1,000.	

VARIOUS CYCLAMEN

Mrs. Buckston. Filled and waved flowers; color, delicate salmon. Orig. pkt., 75c.

DAISY, ENGLISH DOUBLE (Bellis Perennis)

	Trade Pkt.	Oz.
Longfellow. Large pink.....	\$0.40	\$2.50
Monstrosa Pink (1/4 oz., \$1.50)	.50	
Monstrosa White (1/4 oz., \$1.50)	.50	
Monstrosa Mixed (1/4 oz., \$1.25)	.50	
Snowball. Large white.....	.40	2.50
Double Mixed.....	.30	1.50

DATURA (Trumpet Flower)

Cornucopia. White, marbled purple.....	.15	.50
Double Mixed.....	.15	.35

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

DELPHINIUM (Perennial Larkspur)

	Trade Pkt.	Oz.
Bella Donna. Light turquoise.	\$0.50	\$3.50
Chinense Grandiflorum.		
Dwarf; blue.	.20	.60
Chinense Grandiflorum Album.		
Dwarf; white.	.20	.60
Elatum (Bee Larkspur). Blue	.25	1.25
Formosum. Deep blue.	.25	1.25
Formosum Coelestinum.		
Sky blue.	.40	1.75
Kelway's Giant. Enormous spikes with flowers of many shades of blue.	.40	1.75
Rev. E. Lascelles. Flowers large and double; deep blue with white centre.	.50	
Zalil. Yellow.	.40	
Hybrid Mixed. All shades	.15	.50

For ANNUAL LARKSPUR see page 17.

DIANTHUS (Pinks)

Double Annual Sorts

	Trade Pkt.	Oz.
China or India. Mixed.	\$0.15	\$0.40
Fireball. Fiery scarlet.	.20	.75
Fringed. Large; mixed colors	.25	1.25
Japan Pink. Choice mixed.	.15	.50
White. Fringed flowers.	.20	.75

DIANTHUS—Single Annual Sorts

Japan Pink. Mixed colors.	.15	.50
Nobilis (Japan Royal). Mixed	.20	.60
Salmon Queen. Salmon color.	.20	.75
Vesuvius. Bright red.	.20	.75

DIANTHUS—Hardy Garden Sorts

Clove Scented. Double mixed	.30	2.00
Double Scotch. Mixed.	.30	1.75
Erfurt. Dwarf double; mixed	.40	2.00
Latifolius Atrococcineus. fl. pl. Double scarlet.	.25	1.25
Pheasant's Eye. Single fringed flowers; mixed.	.15	.50



Delphinium Bella Donna

DICTAMNUS (Gas Plant)

	Trade Pkt.	Oz.
Fraxinella. Perennial; purple red flowers.	\$0.15	\$0.60

DIDISCUS

Coeruleus (Blue Lace Flower). An annual, blooming from July until frost; excellent for cutting; color pale lavender.	.50
--	-----

DIGITALIS (Foxglove)

Gloxiniaeflora. Pink.	.20	.75
Purple.	.20	.75
White.	.20	.75
Mixed.	.15	.60
Grandiflora. Light yellow.	.15	.60
Monstrosa (Mammoth Foxglove). Mixed	.25	1.00

DIMORPHOTHECA

Aurantiaca (African Orange Daisy). Golden orange, daisy-like flowers; splendid for cutting, and well adapted for forcing.	.20	.75
Aurantiaca Hybrida. A splendid mixture of colors and shades.	.25	1.00

DOLICHOS (Hyacinth Bean)

Darkness. Purple violet.	.20
Daylight. Pure white.	.20
Choice Mixed.	(1/4 lb., 30c.) .10

DRACENA

Useful as centre plants for vases, baskets, etc. The seed is sent out in the hull or berry and should be rubbed out before sowing.

	Trade Pkt.	Oz.
Australis. Broad leaves.	\$0.15	\$0.40
Indivisa. Narrow green leaves; the popular sort for bedding or vases.	(1/4 lb., \$1.00)	.15 .30

ECHINOCYSTIS (Wild Cucumber Vine)

Lobata.	.15	.25
---------	-----	-----

EULALIA. See Grasses, page 15.

EUPATORIUM

A fine perennial, and useful for cutting.

	Trade Pkt.	Oz.
Fraseri. White flowers.	\$0.15	\$0.75

EUPHORBIA

Heterophylla (Mexican Fire Plant). Ornamental foliage plant; red flower bracts.	.20	.75
Variegata (Snow on the Mountain). Variegated foliage and white flower bracts.	.15	.40

FERNS

We can supply fresh spores of the following excellent varieties of Ferns:

Adiantum Cuneatum.

 " Mixed.

Aspidium Tussimense.

Cyrtomium Falcatum.

Lomaria Gibba.

Lygodium Scandens.

Pteris Adiantoides.

 " Alba Lineata.

 " Magnifica.

 " Mayii.

 " Serrulata Cristata.

 " Tremula.

 " Victoria.

 " Wimsettii.

 " Wilsoni.

 " Mixed Varieties.

Mixed. Many choice varieties. Any of the above varieties, 75c. per trade packet.

FEVERFEW (Matricaria)

Trade Pkt. Oz.

Double White. Fine for cut flowers.	\$0.15	\$0.40
-------------------------------------	--------	--------

FORGET-ME-NOT. See Myosotis.

FOUR O'CLOCK. See Marvel of Peru.

ESCHSCHOLTZIA (California Poppy)

	Trade Pkt.	Oz.
Californica. Yellow.	\$0.15	\$0.25
Carmine King. Carmine rose.	.15	.40
Golden West. Large golden yellow.	.15	.25
Mandarin. Orange and scarlet.	.15	.25
Rose Cardinal. Carmine rose.	.15	.25
Vesuvius. Wallflower or coppery red.	.15	.50
White.	.15	.25
Choice Mixed.	.15	.25



Dimorphotheca—Aurantiaca

*Gaillardia, Grandiflora Superba***GAILLARDIA****Annual Varieties**

Useful for cutting, or for the mixed border.

	Trade Pkt.	Oz.
<i>Picta</i> . Single mixed.....	\$0.15	\$0.30
<i>Picta Lorenziana</i> . Double mixed.....	.15	.40

GAILLARDIA—Perennial Varieties

These will flower the first year from seed if sown early. Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

	Trade Pkt.	Oz.
<i>Grandiflora Compacta</i> . Mixed.....	\$0.15	\$0.60
“ <i>Sanguinea</i> . Blood red.....	.20	.75
“ <i>Semi Double</i> . Mixed.....	.20	.75
“ <i>Superba</i> . Mixed.....	.15	.60

GERANIUM

Apple Scented. Per 100 seeds, 25c.; \$2.00 per 1,000 seeds.

Pelargonium (Lady Washington). Per 100 seeds, \$1.50.

Zonale. Single mixed..... .25 1.00

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials, with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Gigantea. Immense scarlet flowers. Per 100 seeds, 75c.

Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 60c.

GEUM

	Trade Pkt.	Oz.
<i>Atrosanguineum Fl. Pl.</i> Large, showy double dark crimson flowers; perennial.....	.20	.75
<i>Mrs. Bradshaw</i> . Large, double, brilliant scarlet flowers; blooms the entire summer; perennial....	.30	1.00

GLOXINIA

Carefully saved seeds from perfect flowers and shapely plants.

	Trade Pkt.	Oz.
<i>Hybrida Grandiflora</i> . Choicest Mixed. (½ trade pkt., 60c.).....	\$1.00	

GODETIA (Satin Flower)

Beautiful and easily grown annuals.

	Trade Pkt.	Oz.
<i>Duchess of Albany</i> . White.....	\$0.15	\$0.50
<i>Gloriosa</i> . Blood red.....	.15	.50
<i>Rosamond</i> . Shell pink.....	.15	.50
<i>Choice Mixed</i>.....	.15	.30

GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons;" a useful Everlasting for bedding; also for cutting.

	Trade Pkt.	Oz.
<i>Nana Compacta</i> . Dwarf red.....	\$0.15	\$0.40
<i>Mixed</i> . All colors.....	.15	.30

GOURD (Ornamental)

	Trade Pkt.	Oz.
<i>Calabash, or Dipper</i> . Very useful.....	.15	.30
<i>Egg-Shaped</i> . White.....	.15	.30
<i>Hercules Club</i> . Club-shaped; 4 feet long.....	.15	.30
<i>Luffa (Dish Rag or Bonnet Gourd)</i>.....	.15	.30
<i>Orange-Shaped (Mock Orange)</i>.....	.15	.30
<i>Pear-Shaped</i> . Striped; very showy.....	.15	.30
<i>Sugar Trough</i> . Used as water holders.....	.15	.30
<i>Mixed</i> . In a great variety.....	.15	.25

GRASSES (Ornamental)

Useful, either for growing in clumps, mixed borders or in shrubberies.

Annual Varieties

	Trade Pkt.	Oz.
<i>Avena Sterilis (Animated Oats)</i>	\$0.15	\$0.25
<i>Briza Maxima (Quaking Grass)</i>.....	.15	.25
<i>Bromus Brizaeformis</i>.....	.15	.25
<i>Coix Lachrymae (Job's Tears)</i>.....	.15	.15
<i>Hordeum Jubatum (Squirrel Tail Grass)</i>.....	.15	.40
<i>Pennisetum Longistylum</i>.....	.15	.50
<i>Pennisetum Ruppelianum (Purple Fountain Grass)</i>.....	.15	.50

Perennial Varieties

	Trade Pkt.	Oz.
<i>Arundo Donax (Great Reed)</i>.....	.15	.40
<i>Eulalia Japonica</i>.....	.15	.50
<i>Cyperium Argenteum (Pampas Grass)</i>.....	.15	.50
<i>Stipa Pennata (Feather Grass)</i>.....	.25	1.00

GREVILLEA (Silk Oak)

Robusta. A beautiful ornamental foliage plant; grown extensively for vase work and very easily raised from seed.

.20 .60

*Gypsophila, Paniculata fl. pl.***GYPSOPHILA (Baby's Breath)**

Free flowering plants of easy culture; excellent for cutting to mix with other flowers.

	Trade Pkt.	Oz.
<i>Elegans Alba Grandiflora</i> . Hardy annual variety; flowers pure white..... (¼ lb., 60c.)	\$0.15	\$0.25
<i>Paniculata</i> . Perennial; graceful sprays of white flowers.....	.15	.50
<i>Paniculata Fl. Pl.</i> Perennial, with double white flowers.....	.50	

HELENIUM

Autumnale Superbum. Perennial; large heads of golden yellow flowers..... .25 1.50

HELIANTHUS See Sunflower.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Helichrysum (Straw Flower)

HELICHRYSUM (Straw Flower)

The varieties offered below are all of the Monstrosium type, producing large and perfectly double flowers. Valuable for cutting or decoration, either when fresh or in their dried state.

	Trade Pkt.	Oz.
Fireball. Crimson.....	\$0.20	\$0.65
Golden Ball. Golden yellow.....	.20	.65
Rose Carmine.....	.20	.65
Salmon Pink.....	.20	.65
Silver Ball. White.....	.20	.65
Violet.....	.20	.65
Choice Mixed.....	.15	.50

HONESTY (Lunaria)

Biennis Alba. Admired for its silvery seed panicles. .15 .40

HORDEUM See Grasses, page 15.

HUMULUS (Japanese Hop)

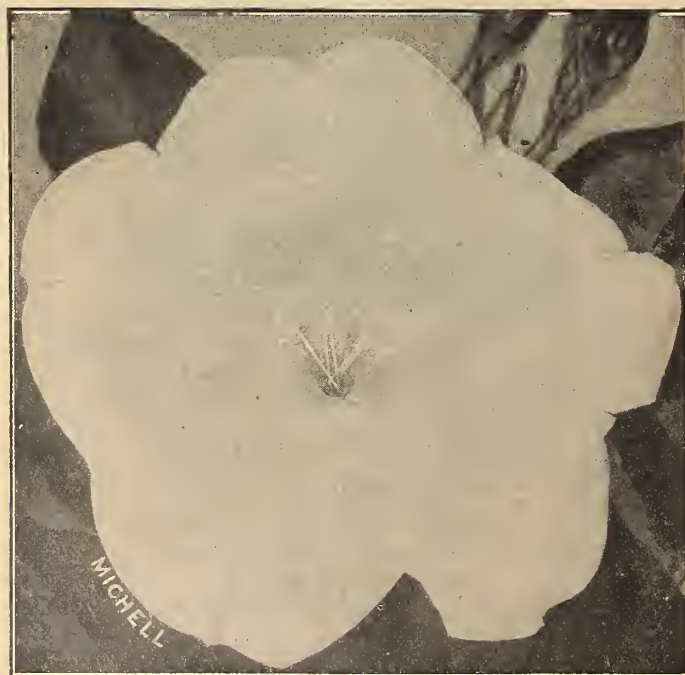
A rapid-growing annual climber; very ornamental.

Japonicus. Green foliage.....	\$0.15	\$0.35
" Variegatus. Leaves mottled with white.....	.15	.40

HUNNEMANNIA (Giant Yellow Tulip Poppy)

Fumariaefolia. Will produce flowers from July till frost; good for cutting.....\$0.15 \$0.40

HYACINTH BEAN. See Dolichos



Ipomoea (Moon Flower)

HELIOPSIS (Orange Sun-flower)

Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting. Trade pkt., 15c.; oz., 60c.

HELIOTROPE

Prized on account of the fragrance of the flowers; excellent for pots or bedding.

Lemoine's Giant Hybrids. Immense flowers. Trade pkt., 30c.; oz., \$1.75.

Regal. Dwarf large flowering. Trade pkt., 40c.; oz., \$1.75.

Choice Mixed. Trade pkt., 25c.; oz., \$1.50.

HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting. Trade pkt., 40c.; oz., \$2.25.

HIBISCUS

(Marshmallow)

Crimson Eye. White with crimson centre. Trade pkt., 15c.; oz., 75c.

Golden Bowl. Yellow, with maroon centre. Trade pkt., 15c.; oz., 75c.

Moscheutos. Large pink flowers. Trade pkt., 15c.; oz., 50c.

New Giant. (Mallow Marvel). Mixed. Trade pkt., 20c.; oz., 60c.

HOLLYHOCK

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.



Hollyhock—Chater's Double

	Trade Pkt.	Oz.
Allegheny. Semi-Double Fringed Mixed.....	\$0.20	\$0.75
Chater's Double Maroon.....	.20	1.00
" " Pink.....	.20	1.00
" " Red.....	.20	1.00
" " Salmon.....	.20	1.00
" " White.....	.20	1.00
" " Yellow.....	.20	1.00
" " Mixed.....	.20	.60
Double Everblooming Mixed. Flowers the first year from seed.....	.25	1.00
Single Everblooming Mixed.....	.20	.60
Single Mixed.....	.15	.60

IMPATIENS (Sultan's Balsam)

An elegant plant for house and conservatory decoration.

	Trade Pkt.	Oz.
Holsti. Vermilion red.....	\$0.40	
Holsti New Hybrids. Various colors.....	.40	
Sultani. Bright rose.....	.40	
Sultani Hybrida. Various colors.....	.40	

IPOMOEA

Heavenly Blue (<i>Rubra Coerulea</i>).....	.20	\$0.75
Noctiflora (<i>Moon Flower</i>). Large white. Lb., \$4.00; \$1.25 per 1/4 lb.....	.15	.40
Quamoclit Hybrida (<i>Cardinal Climber</i>). Fiery, cardinal red.....	.50	2.00
Setosa (<i>Brazilian Morning Glory</i>). Pink.....	.15	.30
Mixed.....	.15	.30

IRIS (Flowering Flag)

Kaempferi (*Japanese Iris*). Mixed colors..... .15 .50

KENILWORTH IVY

Linaria Cymbalaria. Flowers violet..... .25 1.75

KOCHIA (Summer Cypress or Mexican Fire Bush)

Trichophylla. A very popular annual.....\$0.15 \$0.25

LANTANA

A valuable plant for bedding, pot culture or vases.

Dwarf Compact Mixed.....	.15	.60
Choice Mixed.....	.15	.40



Larkspur, Double Tall Stock Flowered

LARKSPUR (Annual)

A very popular annual for cutting.

	Trade Pkt.	Oz.
Dwarf Double Rocket. Mixed colors.....	\$0.15	\$0.25
Giant Hyacinth Flowered. Mixed.....	.15	.50
Tall Stock Flowered Dark Blue.....	.15	.50
" " " Lilac.....	.15	.50
" " " Lustrous Carmine.....	.15	.50
" " " Shell Pink.....	.15	.50
" " " Sky Blue.....	.15	.50
" " " White.....	.15	.50
" " " Mixed.....	.15	.35

For Perennial Larkspur, see Delphinium.



Lupinus

LATHYRUS LATIFOLIUS (Perennial Pea)

	Trade Pkt.	Oz.
Crimson.....	\$0.20	\$0.75
Pink Beauty. Bright pink.....	.25	1.25
White.....	.20	.75
Choice Mixed.....	.15	.60

LAVENDER

Lavendula Vera (True). Fragrant blue flowers....	.20	.75
--	-----	-----

LEPTOSYNE

Maritima. Free-flowering annual, with large, single yellow flowers; fine for cutting.....	.30	1.75
---	-----	------

LINUM

Grandiflorum Rubrum (Scarlet Flax).....	.15	.25
---	-----	-----



Lobelia, Crystal Palace Compacta

LOBELIA

One of the best plants for edging beds, or for pots, baskets and vases. Seed should be sown early.

	Trade Pkt.	Oz.
Barnard's Perpetual. Dwarf blue with white eye; trailing.....	\$0.30	\$1.75
Blue Bird. Dwarf; compact; ultramarine blue with white eye. Pkt. 30c.		
Crystal Palace Compacta. This is the leading dwarf variety; dark blue flowers carried erect.....	.40	2.50
Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue.....	.20	1.00
Emperor William. Dwarf; light blue.....	.30	2.00
Gracilis. Light blue; trailing.....	.15	.75
Sapphire. A beautiful trailing variety; deep blue with white eye..... (1/8 oz., \$1.00)	.40	
White Gem. Pure white; dwarf.....	.30	1.50
Choice Mixed.....	.20	.75
Cardinalis (Cardinal Flower). Stately plants with spikes of cardinal red flowers; perennial.....	.50	4.00

LUPINUS (Annual)

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
Pink.....	\$0.15	\$0.30	Scarlet, White Tipped.....	\$0.15	\$0.30
Rich Blue.....	.15	.30	White.....	.15	.30
Sky Blue.....	.15	.30	Yellow.....	.15	.30
			Mixed.....	.15	.25

LUPINUS—Perennial Varieties

Polyphyllus Blue.....	\$0.15	\$0.40
" Roseus. Soft pink.....	.20	.75
" Somerset. Yellow.....	.30	2.00
" White.....	.15	.40
" Mixed. All colors.....	.15	.30

LYCHNIS

Chalcedonica. Scarlet cross-like flowers; 2 feet....	\$0.15	\$0.40
Haageana Hybrida. Mixed; various colors; 1 foot....	.40	2.00



Marigold

MARIGOLD Dwarf French Varieties

Favorite, free flowering annuals; rich and showy flowers.

	Trade Pkt.	Oz.
Gold Striped. Double; brownish red, striped yellow.	\$0.15	\$0.50
Legion of Honour. (<i>Little Brownie</i>). Single; golden yellow with spot of crimson velvet.	.15	.30
Liliput. Very dwarf; mixed colors; fine for pots.	.20	.60
Dwarf French Mixed.	.15	.30

MARIGOLD—African Varieties

El Dorado. Tall growing sort; double orange.	.15	.40
Lemon Queen. Clear lemon yellow; double.	.15	.50
Orange Beauty. Single; orange yellow.	.20	.75
Orange Prince. Rich orange yellow; double.	.15	.50
Pride of the Garden. Golden yellow; dwarf.	.15	.40
Tall Double Mixed.	.15	.30

MARVEL OF PERU (Four o'Clocks)

Mixed (¼ lb., 40c.)	.15	
---------------------	-----	--

MATRICARIA. See Feverfew.

MATTHIOLA

Bicornis (<i>Evening Scented Stock</i>). Purplish lilac.	.15	.25
--	-----	-----

MAURANDIA

A splendid flowering plant for vases, baskets, etc.

Barclayana. Purple.	.30	1.75
Choice Mixed.	.25	1.50

MESEMBRYANTHEMUM

Cordifolium Variegatum. Pink flowers.	.40	
Crystallinum (<i>Ice Plant</i>). White flowers.	.15	.40
Tricolor (<i>Wax Plant</i>). Various colors.	.20	1.00

MIMULUS

Moschatus (<i>Musk Plant</i>). Yellow flowers; fragrant foliage.	.30	
Tigrinus (<i>Monkey Flower</i>). Mixed.	.30	2.00

MOONFLOWER. See Ipomoea.

MORNING GLORY. See Convolvulus.

MUSA

Ensete (*Abyssinian Banana*). 50c. per 25 seeds; 100 seeds, \$1.25



Mignonette, Michell's Colossal

MIGNONETTE

Valuable for cutting on account of its fragrance.

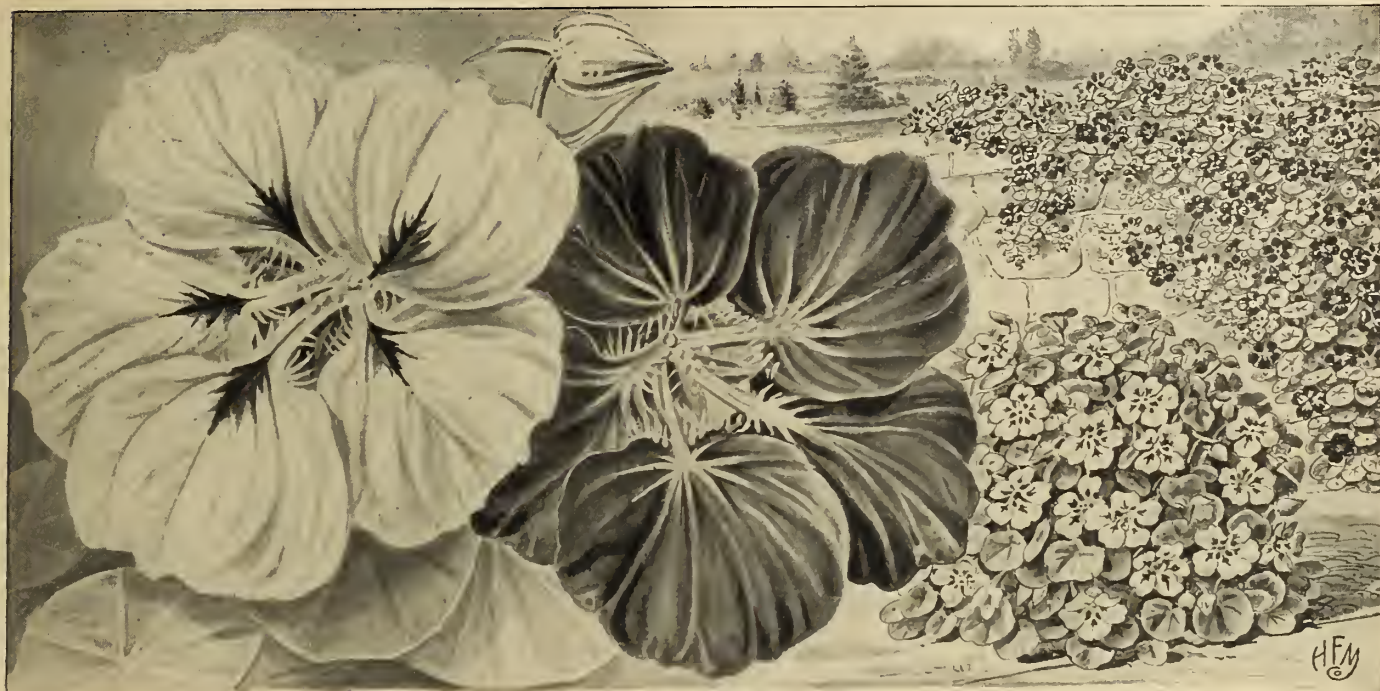
	Trade Pkt.	Oz.
Allen's Defiance. Large spikes. . . . (¼ lb., \$1.25)	\$0.15	\$0.40
Bismarck. Large compact spikes.	.20	.60
Golden Machet. Large golden yellow.	.15	.35
Goliath. Giant spikes; extra fine.	.25	1.00
Machet. Improved and selected: . . . (¼ lb., \$1.25)	.15	.40
Michell's Colossal. One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high.	.40	6.00
Sweet Scented. Large flowering . . . (¼ lb., 50c.)		.15

MIMOSA. See Sensitive Plant

MYOSOTIS (Forget-Me-Not)

Alpestris Victoria. Bright blue; dwarf.	.25	1.50
Dissitiflora. Deep blue.	.40	2.50
Eliza Fanrobert. Blue; fine for pots.	.25	1.00
Grandiflora Alba. White.	.25	1.00
" Rosea. Pink.	.25	1.00
Palustris. Heavy, robust plants, deep blue.	.40	3.00
" Semperflorens. Everblooming, blue.	.40	3.00
Royal Blue. Erect growing; blue.	.30	1.50
Ruth Fischer. Flowers of true Forget-Me-Not blue.	.50	
Choice Mixed.	.15	.75

See pages 2 to 5 for Valuable Novelties and Specialties in Flower Seeds.



Michell's Giant Flowering Nasturtiums

NASTURTIIUMS

Excellent for beds and borders; also for window boxes, vases, baskets, etc.

DWARF OR TOM THUMB VARIETIES

	Oz.	¼ lb.	Lb.
Aurora. Rich yellow, veined carmine.....	\$0.15	\$0.40	\$1.25
Beauty. Yellow with scarlet veinings.....	.15	.40	1.25
Bronze. Burnished bronze color.....	.15	.40	1.25
Chameleon. Various colors on same plant.....	.15	.40	1.25
Cloth of Gold. Scarlet; yellow foliage.....	.15	.40	1.25
Crystal Palace Gem. Sulphur, spotted maroon.....	.15	.40	1.25
David Burpee Spencer. Leaves wavy and ruffled; flowers deep scarlet.....	.15	.50	1.75
Empress of India. Crimson; dark foliage.....	.15	.40	1.25
Golden King. Golden yellow.....	.15	.40	1.25
Golden Queen. Yellow flowers and foliage.....	.15	.40	1.25
King of Tom Thumbs. Dark scarlet.....	.15	.40	1.25
King Theodore. Crimson maroon; dark foliage.....	.15	.40	1.25
Lady Bird. Yellow and red.....	.15	.40	1.25
Pearl. Creamy white.....	.15	.40	1.25
Pink......	.15	.40	1.25
Prince Henry. Cream, spotted and tipped red.....	.15	.40	1.25
Queen of Tom Thumbs Crimson......	.15	.40	1.25
Scarlet......	.15	.40	1.25
Spotted. Rich yellow, spotted crimson.....	.15	.40	1.25
Vesuvius. Salmon pink; dark leaved.....	.15	.40	1.25
Yellow......	.15	.40	1.25
Choice Mixed. (10 lbs., \$11.00)	.15	.35	1.25
Golden Foliage Mixed......	.15	.40	1.25
Ivy Leaved Mixed......	.15	.40	1.25
Liliput Mixed. Very dwarf; good for pots.....	.15	.50	1.50
Michell's Giant Flowering Mixed......	.20	.45	1.50
Queen of Tom Thumb Mixed. Silver variegated foliage, very showy.....	.15	.50	1.50

LOBB'S TALL OR CLIMBING

Asa Gray. Yellowish white.....	.15	.40	1.50
Black Prince. Dark velvety crimson.....	.15	.40	1.50
Brilliant. Glowing scarlet.....	.15	.40	1.50
Golden Queen. Golden yellow.....	.15	.40	1.50
Roi des Noirs. Dark garnet red.....	.15	.40	1.50
Spitfire. Brilliant scarlet.....	.15	.40	1.50
Choice Mixed. Lobb's varieties.....	.15	.35	1.25

NASTURTIIUMS—Continued CLIMBING OR TRAILING VARIETIES

	Oz.	¼ lb.	Lb.
Chameleon. Various colors on same plant.....	\$0.15	\$0.40	\$1.25
Crimson......	.15	.40	1.25
Hemisphaericum. Orange salmon and scarlet.....	.15	.40	1.25
Jupiter. Yellow, crinkled petals.....	.15	.40	1.25
King Theodore. Crimson maroon; dark foliage.....	.15	.40	1.25
Orange......	.15	.40	1.25
Pearl. Creamy white.....	.15	.40	1.25
Pink......	.15	.40	1.25
Prince Henry. Cream spotted and tipped red.....	.15	.40	1.25
Scarlet......	.15	.40	1.25
Vesuvius. Salmon pink; dark leaved.....	.15	.40	1.25
Yellow......	.15	.40	1.25
Choice Mixed. (10 lbs., \$6.50)	.10	.25	.75
Hybrids of Madame Gunther, Mixed......	.15	.30	1.00
Ivy Leaved Mixed......	.15	.40	1.25
Michell's Giant Flowering Mixed......	.20	.40	1.25
Queen of Talls, Mixed. Silver variegated foliage; very showy.....	.15	.40	1.25

NEMESIA

Trade Pkt. Oz.

Strumosa Suttoni. A splendid annual, with large flowers varying in color from creamy white to deep orange and carmine; fine for bedding..... \$0.40 \$2.00

NICOTIANA (Ornamental Tobacco)

Showy annual plants, giving a continuous display of brilliant flowers. Trade Pkt. Oz.

Affinis. Large white, fragrant flowers.....	\$0.15	\$0.35
" Hybrids. Mixed colors.....	.15	.50
Sanderae. Flowers carmine red.....	.15	.50

NIEREMBERGIA

Excellent for baskets, vases, or bedding out.

Frutescens. White, tinted with lilac.....	.20	.75
--	-----	-----

NIGELLA (Love in a Mist)

Damascena. Showy hardy annual of compact growth with finely cut foliage and curious flowers; blue and white mixed; 1 foot.....	.15	.25
Miss Jekyll. A lovely variety, with long stems, and bearing a profusion of beautiful flowers of a clear cornflower blue; excellent for cutting; 18 inches..	.15	.30

MICHELL'S GIANT PANSIES

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and form, beautiful markings and brilliancy of colors and shadings.

GIANT STRAIN IN SEPARATE COLORS

		Trade Pkt.	Oz.	¼ lb.
Giant Prize.	Azure Blue.....	\$0.40	\$4.00	\$14.50
" "	Black Blue.....	.40	4.00	14.50
" "	Emperor William. Blue..	.40	4.00	14.50
" "	Hortensia Red.....	.40	4.00	14.50
" "	King of the Blacks.....	.40	4.00	14.50
" "	Lord Beaconsfield. Purple violet.....	.40	4.00	14.50
" "	Peacock. Blue, claret and white.....	.40	4.00	14.50
" "	Snow Queen. Pure white.....	.40	4.00	14.50
" "	Striped and Mottled.....	.40	4.00	14.50
" "	White with Eye.....	.40	4.00	14.50
" "	Pure Yellow.....	.40	4.00	14.50
" "	Yellow with Eye.....	.40	4.00	14.50

REGULAR STRAIN IN SEPARATE COLORS

		Trade Pkt.	Oz.	¼ lb.
Belgian Striped.....		\$0.25	\$1.75	\$6.00
Emperor William. Blue.....		.25	1.75	6.00
Faust, or King of the Blacks.....		.25	1.75	6.00
Gold Margined. Purple, golden edge....		.25	1.75	6.00
Havana Brown.....		.25	1.75	6.00
Lord Beaconsfield. Purple violet.....		.25	1.75	6.00
Mahogany Colored.....		.25	1.75	6.00
Silver Edged. Purple, silver edge.....		.25	1.75	6.00
Snow Queen. Pure white.....		.25	1.75	6.00
White with Eye.....		.25	1.75	6.00
Yellow Gem. Pure yellow.....		.25	1.75	6.00
Yellow with Eye.....		.25	1.75	6.00

GIANT FLOWERING PANSIES IN MIXTURE

Michell's Giant Exhibition, Mixed. A giant strain which we have secured from the leading Pansy specialists, both at home and abroad. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per ½ trade pkt.; trade pkt., 50c.; \$1.25 per ¼ oz.; per ¼ oz., \$2.00; \$7.00 per oz.; ¼ lb., \$26.00.

Triumph of the Giants, Mixed. Produces on long stems flowers of immense size; many beautiful, rich and rare shades. 60c. per ½ trade pkt.; trade pkt., \$1.00; \$2.25 per ¼ oz.; per oz., \$8.00; \$30.00 per ¼ lb.



Michell's Giant Exhibition Pansy

PANSIES IN MIXTURE (Continued)

	Trade Pkt.	Oz.	¼ lb.
Bugnot, Odier and Cassier. A superb mixture of most brilliant colors and markings; flowers extra large.....	\$0.50	\$5.00	\$18.00
Giant Trimardeau Mixed. Very large flowering in a good range of colors.....	.30	2.50	9.00
Mad. Perret. Especially rich in red shades; flowers are of large size and borne freely..	.50	3.50	13.00
Masterpiece (Frisled Pansy). Beautiful rich colors; petals curled or waved.....	.50	5.00	18.00
Odier or Blotched. A distinct fine strain.	.50	3.50	13.00
Parisian Large Stained. Large flowering.	.50	3.00	11.00
Finest English Mixed. Large flowering..	.25	1.50	5.00
Very Fine Mixed.....	.20	1.25	4.50

PENNISETUM. See Grasses.

PENTSTEMON Trade Pkt. Oz.

Sensation. Largely used for bedding; should be treated the same as Petunias, Verbenas, etc.; mixed colors..... \$0.30 \$3.00

New Hybrids Mixed. Hardy perennial; large spikes .30 1.75

PETUNIA. See next page.

PHLOX DRUMMONDII

Beautiful summer flowering annuals; make excellent pot plants for spring sales.

DWARF OR COMPACT VARIETIES

	½ Trade Pkt.	Trade Pkt.	Oz.
"Cecily." Large flowering mixed.....	\$0.30	\$0.50	\$1.75
Fireball. Brilliant scarlet.....	.25	.40	2.00
Pink.....	.25	.40	2.00
Snowball. Pure white.....	.25	.40	2.00
Choicest Mixed.....	.25	.40	2.00

PHLOX—GRANDIFLORA VARIETIES

Alba. Pure white.....	.25	1.25
Coccinea. Scarlet.....	.25	1.25
Pink.....	.25	1.25
Stellata Splendens. Scarlet, with white eye.....	.25	1.25
Choicest Mixed.....	.20	1.00

PHLOX—VARIOUS SORTS

Fine Mixed.....	.15	.75
Hardy (Decussata). Choice mixed.....	.30	1.75



Phlox Drummondii, Dwarf

LARGE FLOWERING PETUNIA

Michell's Monstrosus

An extra large flowering variety, surpassing the well-known Giants of California; the colorings, markings, veinings, etc., are superb; a good proportion of the flowers are fringed.

Half trade pkt., 60c.; \$1.00 per trade pkt.





Petunia, Grandiflora Fringed

We call special attention to our Large Flowering strains of Petunias, which for size and brilliancy of coloring cannot be surpassed. Seeds are grown for us by specialists in this country and Europe.

SINGLE FLOWERING

California Giants. Strong, robust plants; immense flowers of bright and desirable colors..... (1/16 oz., \$2.50)	1/2 Trade Pkt.	Trade Pkt.	
	\$0.30	\$0.50	
Dwarf Inimitable. Of dwarf, compact habit; flowers striped and blotched.....	1/2 Trade Pkt.	Trade Pkt.	Oz.
	\$0.30	\$0.50	\$1.50
Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors..... (1/16 oz., \$2.00)	.30	.50	
Monstrosus (Michell's). Extra large flowers, many of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them have deep throats of various shades.....	.60	1.00	



Petunia, Rosy Morn

Rosy Morn. Dwarf, bushy plants, with brilliant rose-colored flowers with a white throat; one of the most popular bedding sorts.....	Trade Pkt.	Trade Pkt.	Oz.
	\$0.30	\$0.50	\$2.00

Ruffled Giants. Large flowers, finely ruffled and frilled at edges.....	1/2 Trade Pkt.	Trade Pkt.	Oz.
	\$0.30	\$0.50	\$1.50
Snowball. Dwarf; pure white.....	.30	.50	
Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star.....	.30	.50	1.50
Choice Mixed. Striped and blotched.....		.25	1.00
Fine Mixed. All colors.....		.15	.75

PORTLAND PETUNIAS

For illustration and full description see novelty pages.

Elks' Pride. Large size; deep royal purple. About 1000 seeds.....	Trade Pkt.	
	\$1.00	
Irvinton Beauty. Flowers fringed; peach blossom color, with white throat. About 1000 seeds.....		1.00
Pride of Portland. Large, deep rose pink fringed flowers. About 1000 seeds.....		1.00
Scarlet Beauty. Flowers fringed; color, shading from cherry red to deep maroon. About 500 seeds.....		1.00
White Beauty. Pure white flowers with finely fringed edges. About 1000 seeds.....		1.00



Giant Flowering, Double Petunia

PETUNIA—DOUBLE FLOWERING

As the seed of the double varieties is obtained by hybridization it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they usually produce the finest double flowers.

Double Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, \$1.25; \$2.00 per 1000 seeds.

Double Fringed White. Extra large. Per half trade pkt., 60c.; \$1.00 per trade pkt.

PHYSOSTEGIA

Perennial, border plant, tubular flowers.	Trade Pkt.	Oz.
Virginica. Pink.....	\$0.20	\$0.75
Virginica Alba. White.....	.25	1.25

PLATYCODON (Chinese Bell Flower)

A very desirable perennial; handsome for garden decoration; bell shaped flowers.

	Trade Pkt.	Oz.
Grandiflorum, Blue.	\$0.25	\$1.25
Grandiflorum, White......	.25	1.25
Japonicus Fl. Pl. Double blue.....	.40	2.50

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, for pot culture or the garden.

	Trade Pkt.	Oz.
Gold Laced. Very showy.....	\$0.40	
Double Mixed......	.50	
English. Single mixed.....	.25	\$2.00

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Orientale Poppy

POPPY

DOUBLE ANNUAL VARIETIES

	Trade Pkt.	Oz.
Carnation Flowered. Mixed..... (1/4 lb., 50c.)		\$0.15
Crimson King. Crimson.....	\$0.15	.25
Fairy Blush. White, fringed and tipped with rose....	.15	.25
Mikado (<i>Striped Japanese</i>). White, striped crimson. ....	.15	.25
Paeony Flowered, Scarlet.....	.15	.25
" " White.....	.15	.25
" " Yellow.....	.15	.25
" " Mixed..... (1/4 lb., 50c.)	.15	.25
Improved Shirley, May Queen. An improved strain; large double flowers; mixed colors.....	.20	.75

POPPY—SINGLE ANNUAL VARIETIES

Admiral. Pure white with scarlet edge.....	.15	.25
Danebrog. Scarlet with white spots.....	.15	.25
King Edward. Scarlet, shaded black.....	.15	.30
Miss Sherwood. Chamois rose.....	.15	.25
Shirley. Large flowers of many beautiful colors and shades..... (1/4 lb., 75c.)	.15	.25
Tulip. Glowing scarlet.....	.15	.35
Umbrosum. Rich vermillion.....	.15	.25

POPPY—PERENNIAL VARIETIES

Giant Scarlet.....	.15	.50
Iceland (<i>Nudicaule</i>). White.....	.25	1.25
" Yellow.....	.25	1.25
" Single Mixed.....	.15	.75
Orientale. Deep scarlet.....	.15	.75
" Mrs. Perry. Rich salmon pink.....	.40	2.50
" Hybrids. Mixed colors.....	.25	1.25

MICHELL'S "DISTINCTIVE" PRIMROSES

PRIMULA CHINENSIS FIMBRIATA

It is with no little amount of pride we offer this superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact; individual and clusters of flowers immense; colors superb, and mostly fringed petals. Our strain cannot be surpassed.

	1/2 Trade Pkt.	Trade Pkt.
Alba Magnifica. White..... (1-32 oz., \$1.50)	\$0.60	\$1.00
Chiswick Red. Bright red..... (1-32 oz., \$1.75)	.60	1.00
Duchess. White with zone of rosy carmine, yellow eye..... (1-32 oz., \$1.75)	.60	1.00
Holborn Blue..... (1-32 oz., \$2.25)	.60	1.00
Kermesina Splendens. Crimson. (1-32 oz., \$1.75)	.60	1.00
Rosy Morn. Pink..... (1-32 oz., \$2.25)	.60	1.00
Sutton's Stellata (<i>Star Primrose</i>). Excellent pot plant; mixed. Original pkt., 75c.		
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains..... (1-16 oz., \$3.00)	.60	1.00

PRIMULA OBCONICA

These are splendid pot plants and stay in bloom the entire winter. Trade Pkt. \$0.50

Gigantea Alba. White.....	\$0.50
" Kermesina. Crimson.....	.50
" Lilacina. Pale lilac.....	.50
" Rosea. Pink.....	.50
" Hybrida. Mixed..... (1-32 oz., \$1.25)	.50
" Monster. A large flowering strain grown by a specialist. Trade packets contain about 500 seeds.	
" Apple Blossom. Soft pink.....	1.00
" Kermesina. Deep crimson.....	1.00
" Plathii. Brilliant deep rose.....	1.00
" Rosea. Pink.....	1.00
Grandiflora Fimbriata. Fringed; mixed.....	.50
" Vesuvius. Deep crimson.....	.50

PRIMULA VARIOUS SORTS

Kewensis (<i>Verbena Scented Yellow Primrose</i>). Of strong growth; long spikes of yellow flowers. (1-16 oz., \$1.25)	.50
Malacoides. Resembles <i>Primula Forbesi</i> , but the flowers are larger; if grown in a greenhouse it will bloom in four to five months after sowing; color, light lilac. (1-16 oz., \$1.00)	.50
Malacoides Alba. Pure white..... (1-16 oz., \$1.25)	.50
Malacoides Alba Plena. Double white. Per pkt., 60c.	
Malacoides Superba. Large flowers; deep rosy pink color.	.50
Veris (<i>Cowslip</i>). Mixed..... (Oz., \$1.50)	.25
Vulgaris (<i>English Yellow Primrose</i>)..... (Oz., \$2.00)	.40

PORTULACA

	Trade Pkt.	Oz.
Double. Large flowering, mixed.....	\$0.30	\$2.00
Single. Large flowering, mixed.....	.15	.50

PUERARIA (Kudzu Vine)

Thunbergiana. Perennial climber; rosy purple pea-shaped flowers.....	.15	.50
--	-----	-----

PYRETHRUM

FOLIAGE SORTS FOR BEDDING

Aureum (<i>Golden Feather</i>). Yellow foliage.....	.15	.50
---	-----	-----

PYRETHRUM—FLOWERING SORTS (Perennial)

Roseum. Pink.....	\$0.40	\$2.00
Uliginosum (<i>Giant White Daisy</i>).....	.40	
Hybridum. Single mixed.....	.30	1.50
" Double Mixed.....	.50	



Michell's Prize Chinese Primula

PRIMULA OBCONICA GIGANTEA

Monster Strain

An extra large flowering type of this popular flower.
Seeds we offer are grown for us by a specialist.

	Trade Pkt.
Apple Blossom. Soft pink.....	\$1.00
Kermesina. Deep crimson.....	1.00
Plathii. Brilliant deep rose.....	1.00
Rosea. Pink	1.00

Trade pkts. contain about 500 seeds.



RHODANTHE (Everlasting Flower)

	Trade Pkt.	Oz.
Double Pink. Fine for cutting; annual.....	\$0.40	\$1.50
Mixed. Hardy annual.....	.15	.60

RICINUS (Castor Oil Bean)

There is always a good demand for these plants. Oz. ¼ lb.

Borboniensis. Green foliage; 15 feet.....	\$0.15	\$0.50
Cambodgensis. Bronzy maroon; 5 feet.....	.15	.50
Gibsoni. Dark red; 5 feet.....	.15	.50
Michell's Giant. Immense dark brown leaves; blue-powdered stems.....	.15	.50
Sanguineus. Blood-red stalks; 8 feet.....	.10	.30
Zanzibariensis. Large; various colors; 12 feet....	.15	.50
Mixed. All sorts.....(Lb., \$1.00)	.10	.30

RUDBECKIA (Cone Flower)

Tall growing plants, flowering profusely all summer.

	Trade Pkt.	Oz.
Bicolor Superba. Yellow flowers, brown centre....	\$0.15	\$0.40
Newmani. Hardy perennial; yellow.....	.30	1.50
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers.....	.25	1.25

SALPIGLOSSIS

Very showy annuals; excellent for cutting.

Crimson and Gold.....	\$0.30	\$1.25
Primrose.....	.30	1.25
Purple and Gold.....	.30	1.25
Rose and Gold.....	.30	1.25
Scarlet and Gold.....	.30	1.25
White and Gold.....	.30	1.25
Choice Mixed.....	.20	.75
Emperor. Choice mixed; large flowering.....	.25	1.00



SALVIA (Flowering Sage)

Much of the Salvia we offer has been saved from specimen plants grown at our own grounds at Andalusia, Pa. Seeds are plump, strong in germination and will give superior satisfaction.

½ Trade Pkt. Trade Oz.

America or Globe of Fire. An excellent variety of dwarf, bushy, compact growth; uniform in height and shape, and literally aglow with large spikes of brilliant scarlet flowers from early in the season until late in fall.....(¼ oz., \$1.25)	\$0.30	\$0.50	\$4.00
Bonfire (Clara Bedman). Medium dwarf; compact growth.....	.25	.40	2.50
Farinacea. A perennial variety, but best treated as an annual; color, light blue....	.25	.25	1.25
Patens. Blue.....	.30	.50	
Splendens. The old-fashioned tall variety, bright scarlet.....	.25	1.50	
Zurich. Dwarf; intense scarlet flowers; early flowering.....	.30	.50	4.00



Scabiosa, Grandiflora

SCABIOSA (Mourning Bride)

	Trade Pkt.	Oz.
Grandiflora, Azure Fairy. Light blue.....	\$0.15	\$0.60
" Cherry Red.....	.15	.60
" Crimson.....	.15	.60
" Flesh Pink.....	.15	.60
" King of the Blacks. Deep purple....	.15	.60
" Pompadour. Purple and white.....	.15	.60
" Rose.....	.15	.60
" White.....	.15	.60
" Choice Mixed.....	.15	.40
Dwarf Double Mixed.....	.15	.40
Caucasica. Perennial; lilac.....	.40	2.25
" Alba. White.....	.40	2.25
Japonica. Perennial; lavender blue.....	.15	.75

SCHIZANTHUS (Butterfly Flower)

Hybridus Grandiflorus. Dwarf, mixed colors....	.15	.75
Pink Beauty. A beautiful shade of rose pink. Pkt., 35c.; \$1.00 per 3 pkts.		
Wisetonensis. Various colors; fine for pots.....	.30	1.50
Mixed. All colors.....	.15	.30

SENSITIVE PLANT (Mimosa)

Pudica. Flowers pinkish white.....	.15	.40
------------------------------------	-----	-----

SHAMROCK

True Irish.....	.20	.75
-----------------	-----	-----

SMILAX (Myrsiphyllum Asparagoides)

A desirable greenhouse climber of great value for floral decorations. Trade pkt., 15c.; 30c. per oz.; ¼ lb., \$1.00; \$3.75 per lb.

SNAPDRAGON. See Antirrhinum.

SOLANUM

	Trade Pkt.	Oz.
Capsicastrum (Jerusalem Cherry). Scarlet berries....	\$0.15	\$0.35
Cleveland Cherry. A grand acquisition to this class of plants; grows more compact than the above, and produces the scarlet berries in greater profusion (½ trade pkt. 60c.).....	1.00	

STATICE (Everlasting Flower)

Latifolia. Perennial; large, deep blue flowers; valuable for cutting or decoration, either when fresh or in their dried state.....	.25	1.25
--	-----	------

STEVIA

Serrata. Fragrant white flowers.....	.25	1.00
--------------------------------------	-----	------

MICHELL'S "DISTINCTIVE" STOCKS

Stocks are invaluable, and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "Distinctive" strains, which are easily distinguished by their superior quality, strong germination, and a remarkably small percentage of single flowers.

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Blood Red.....	\$0.30	\$0.50	\$3.00
Dark Blue.....	.30	.50	3.00
Flesh Pink.....	.30	.50	3.00
Light Blue.....	.30	.50	3.00
Rose Pink.....	.30	.50	3.00
White.....	.30	.50	3.00
Mixed Colors.....	.30	.50	2.50

MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms, which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Abundance. Dwarf, spreading habit; color carmine-rose.....	\$0.30	\$0.50	\$3.00
Beauty of Nice. Charming delicate pink...	.30	.50	2.50
Crimson King. Deep red.....	.30	.50	2.50
La Brillante. Large flowers; rich brilliant crimson.....	.30	.50	2.50
Midsummer Night. Deep dark violet....	.30	.50	2.50
Monte Carlo. Canary yellow.....	.30	.50	2.50
Mont Blanc. Pure white.....	.30	.50	2.50
Queen Alexandra. Delicate lavender....	.30	.50	2.50
Choice Mixed. All colors.....	.30	.50	2.00

LARGE FLOWERING DWARF TEN WEEK STOCK

For bedding there is nothing more effective; dwarf compact plants with fine spikes of double flowers. Our seed is selected from extra fine plants and will produce a large percentage of double flowers.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Blood Red.....	\$0.25	\$0.40	\$3.00
Crimson.....	.25	.40	3.00
Light Blue.....	.25	.40	3.00
Pink.....	.25	.40	3.00
Purple Violet.....	.25	.40	3.00
White.....	.25	.40	3.00
Yellow.....	.25	.40	3.00
Mixed.....	.25	.40	2.50



Stokesia Cyanea



Stock, Michell's Flower Market

STOCKS (Various Sorts)

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Brompton or Winter. Mixed.....	\$0.30	\$0.50	\$3.00
Mammoth Ten Week, Snowdrift (New). Snow white. Pkt. 40c.			
Princess Alice (Cut-and-Come-Again). Of branching habit; pure white.....	.30	.50	3.00
Virginian. Mixed.....		.15	.25

STOKESIA (Cornflower Aster)

One of the most desirable hardy perennial plants for the border, and excellent for cutting.

	Trade Pkt.	Oz.
Cyanea. Lavender blue.....	\$0.25	\$1.25
Cyanea Alba. Pure white.....	.25	1.25

STRAWFLOWER. See Helichrysum.

SUNFLOWER (Helianthus)

ANNUAL VARIETIES

Chrysanthemum Flowered. Double yellow.....	\$0.15	\$0.25
Cucumerifolius (Miniature Sunflower). Single yellow.....	.15	.30
Cut-and-Come-Again. Single yellow.....	.15	.30
Dazzler (New). Rich chestnut red, tipped orange, with darker centre. Pkt., 30c.; 3 pkts., 80c.		
Double Globe (Globosus Fistulosus). Rich yellow...	.15	.25
Dwarf Double (Globe of Gold). Deep yellow.....	.15	.25
New Red. Extra large flowers; some are rich chestnut red, others tipped with yellow.....	.20	.75
Oscar Wilde. Yellow, with black centre.....	.15	.25
Russian. Large yellow; single.....		.05
Stella. Single yellow, black centre.....	.15	.30

SUNFLOWER—PERENNIAL VARIETIES

Choice Mixed. Single flowered.....	.30	1.50
------------------------------------	-----	------



Spencer or Orchid Sweet Peas

SWEET PEAS IN MIXTURE

Michell's Superb Spencer. Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades; we are sure this mixture will give absolute satisfaction. \$0.20 ¼ lb. Lb. \$0.60 \$2.00

Michell's Gilt Edge. Large flowering; represents every color and shade in sweet peas. \$0.15 .40 1.25

The crop of Sweet Peas the past season was the shortest that has been known for many years, consequently somewhat higher prices prevail. As no doubt the demand will far exceed the supply, we would advise placing your order early.

SPENCER or ORCHID VARIETIES

BLUE AND PURPLE

	Oz.	¼ lb.	Lb.
Captain of the Blues Spencer. Standard purple, wings blue.	\$0.40	\$1.40	
Royal Purple. Rich purple. . . . .	.35	1.25	4.00
Wedgewood. A lovely self blue. . . . .	.50	1.50	

DEEP PINK OR ROSE

Apple Blossom Spencer. Rose and pink.35	1.25	4.00
--	-----	------	------

LAVENDER

Asta Ohn Spencer. Rich lavender. . . . .	.35	1.25	4.00
Flora Norton Spencer. Light lavender. . . . .	.40	1.40	
Florence Nightingale. Large; lavender. . . . .	.35	1.25	4.00

LIGHT PINK

Blanche Ferry Spencer. Pink and white. . . . .	.35	1.25	4.00
Countess Spencer. Clear pink, shading deeper at the edge. . . . .	.35	1.25	4.00
Florence Morse Spencer. Delicate blush with pink margin. . . . .	.35	1.25	4.00
Henrietta. Light rose pink on a cream ground. . . . .	.35	1.25	4.00
Hercules. Giant pure pink. . . . .	.35	1.25	4.00

MAROON

King Manoel. Rich maroon. . . . .	.40	1.40	
Othello Spencer. Deep maroon. . . . .	.40	1.40	

ORANGE AND SALMON

Helen Lewis. Orange pink. . . . .	.40	1.40	
Illuminator. Rich, salmon pink. . . . .	.35	1.25	4.00
Margaret Atlee. Light salmon pink on cream ground. . . . .	.35	1.25	4.00
Mrs. Hugh Dickson. Salmon pink on cream ground. . . . .	.35	1.25	4.00

PRIMROSE OR LIGHT YELLOW

Primrose Spencer. Light yellow.35	1.25	4.00
--	-----	------	------

SCARLET

Fiery Cross. Large flowers; intense orange scarlet. . . . .	.50	1.60	
King Edward Spencer. Crimson scarlet. . . . .	.50	1.50	5.00
Vermilion Brilliant. Intense scarlet. . . . .	.50	1.50	

STRIPED OR FLAKED

Helen Pierce Spencer. White mottled light blue.40	1.40	
--	-----	------	--

WHITE

Constance Hinton. Large white; black seeded. . . . .	.50	1.50	5.00
King White. Gigantic pure white flowers. . . . .	.50	1.50	
Nora Unwin. Large; pure white. . . . .	.50	1.50	
White Spencer. Pure white. . . . .	.60	2.00	

For Winter Flowering Spencer or Orchid Sweet Peas, see page 26

GRANDIFLORA VARIETIES

On account of the greatly increased demand for the Spencer or Orchid flowered varieties, we have reduced our list of Grandifloras to only a few of the best sorts.

	Oz.	¼ lb.	Lb.
Blanche Ferry. Pink and white.	\$0.15	\$0.40	\$1.25
Dorothy Eckford. Extra large white. . . . .	.15	.40	1.25
Flora Norton. Delicate lavender. . . . .	.15	.40	1.25
Hon. Mrs. E. Kenyon. Primrose yellow. . . . .	.15	.40	1.25
King Edward VII. Crimson scarlet. . . . .	.15	.40	1.25
Lady Grisel Hamilton. Pale lavender. . . . .	.15	.40	1.25
Lord Nelson. Rich navy blue. . . . .	.15	.40	1.25
Lovely. Soft shell pink. . . . .	.15	.40	1.25
Miss Willmott. Deep orange pink. . . . .	.15	.40	1.25
Othello. Dark maroon. . . . .	.15	.40	1.25
Prima Donna. Soft pink. . . . .	.15	.40	1.25

MICHELL'S WINTER FLOWERING SWEET PEAS

EARLY or WINTER FLOWERING SPENCER VARIETIES

	Oz.	¼ lb.	Lb.
Asta Ohn. Identical in color and size of blossom to the late flowering Asta Ohn; a fine lavender.....	\$0.85	\$3.00	\$10.00
Blue Bird. A charming shade of blue.....	1.00	3.50	12.00
Cherry Ripe. This might be described as a glowing cherry or salmon cerise.....	1.00	3.50	12.00
Daybreak. Flowers much frilled or waved; color, rose pink on cream ground.....	.85	3.00	10.00
Enchantress. Bright rose pink, shading deeper toward the edges.....	.85	3.00	10.00
Fire King. Color, fire-red or cerise-scarlet, or it may be described as a deep orange scarlet.....	1.00	3.50	12.00
Heather Bell. Flowers large, borne in three and fours on long, stout stems. Color, a rich mauve lavender.....	.85	3.00	10.00
Helen Lewis. A fine shade of orange pink.....	.75	2.50	8.00
Hercules. Flowers are of extra large size, of good substance and beautifully waved; color, soft rose pink.....	.85	3.00	10.00
Illumination. Flowers of large size; color, salmon-cerise, suffused orange.....	1.00	3.50	12.00
Lavender King. Rich, true, deep lavender throughout; of large size and well waved..	.85	3.00	10.00
Lavender Pink. Flowers very large.....	.85	3.00	10.00
Liberty. A rich, deep sunproof crimson. Flowers large and well waved.....	.85	3.00	10.00
Mauve Beauty. Color, a pleasing shade of rosy mauve; of large size.....	.85	3.00	10.00
Meadow Lark. A rich cream variety; many of the flowers are duplexed, and borne in fours and threes.....	.85	3.00	10.00
Melody. Color rose pink on white ground. Flowers are borne on long stems and mostly four large, well-waved blossoms to each stem.....	.75	2.50	8.00
Morning Star. Deep orange scarlet or flame color in standard, with rich orange pink wings.....	.75	2.50	8.00
Mrs. A. A. Skaach. Flowers very large; color, a beautiful clear bright pink.....	.85	3.00	10.00
Mrs. M. Spanolin. Black seeded; pure white; free bloomer.....	.85	3.00	10.00
Mrs. William Sim. Salmon pink.....	.85	3.00	10.00
Pink Beauty. Color, soft rose pink on white ground; richer toward edges.....	1.00	3.50	12.00
Pink and White. Similar in color to Christmas Pink, but produces larger flowers on longer stems.....	.75	2.50	8.00
Primrose Beauty. Deep primrose flushed with rose; of large size.....	.75	2.50	8.00
Red Orchid. Bright, cherry red.....	.75	2.50	8.00
Rose Queen. One of the finest varieties. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color a most attractive shade of pink. Greenhouse grown seed.....	3.00	10.00	35.00
Outdoor grown seed.....	1.25	3.50	12.00
Sankey. An extra fine black seeded, white variety.....	.85	3.00	10.00
Snow Flake. Large and of the best waved Spencer form. The pure white flowers are borne in wonderful profusion on long stems.....	.85	3.00	10.00
Snowstorm. One of the best early flowering white Sweet Peas to date; immense flowers usually borne in fours.....	1.00	3.50	12.00
Song Bird. A pale pink variety.....	.85	3.00	10.00
Songster. An excellent variety; color, a pleasing lavender shade, flowers large and nicely waved.....	.75	2.50	8.00

	Oz.	¼ lb.	Lb.
Spring Maid. A handsome variety; color, light pink on a cream ground.....	\$0.85	\$3.00	\$10.00
Venus. Standard white, slightly blushed pink; wings white; free bloomer.....	.85	3.00	10.00
Warbler. Flowers large and beautiful in form; rich mauve purple.....	.75	2.50	8.00
White Orchid. Pure white.....	.75	2.50	8.00
Yarrowa. Flowers exquisitely waved, of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.....	.75	2.50	8.00
Zephyr. A delightful shade of pale blue or lavender.....	.75	2.50	8.00
Mixed Winter Flowering Spencer.....	.60	2.50	7.00

WINTER FLOWERING GRANDIFLORA SWEET PEAS

	Oz.	¼ lb.	Lb.
Christmas Pink. Pink and white.....	\$0.20	\$0.60	\$2.00
" White.....	.20	.60	2.00
Earliest of All. Pink and white.....	.20	.60	2.00
Lavender Nora. A large flowering variety of the Unwin type.....	.30	1.00	3.50
Le Marquis. Large dark blue.....	.20	.60	2.00
Michell's Snowdrift. Pure white; black seeded; extra early.....	.20	.60	2.00
Mont Blanc. Pure white.....	.20	.60	2.00
Mrs. Alex. Wallace. Lavender.....	.20	.60	2.00
Mrs. F. J. Delansky. Daybreak pink.....	.20	.60	2.00
Mixed. Christmas or winter flowering.....	.15	.50	1.50

SWEET ROCKET (Hesperis)

	Trade Pkt.	Oz.
Mixed. Perennial; purple and white.....	\$0.15	\$0.30

SWEET SULTAN (Centaurea Moschatus)

	Trade Pkt.	Oz.
Mixed. Annual; fragrant flowers, resembling "Bachelor's Buttons".....	.15	.50

SWEET WILLIAM (Dianthus Barbatus)

Auricula Flowered. Single mixed.....	\$0.15	\$0.60
Single Crimson.....	.15	.60
Single Pink Beauty. Large flowers; salmon pink..	.30	1.25
Single Scarlet Beauty. Intense, rich deep scarlet.	.30	1.50
Single Velvety Maroon.....	.15	.50
Single White.....	.15	.50
Single Mixed. All colors..... (¼ lb., \$1.25)	.15	.40
Double Mixed. All colors.....	.15	.75

THUNBERGIA (Black-Eyed Susan)

Mixed15	.60
--------------------	-----	-----

TORENIA

Fournieri Grandiflora. Blue.....	.40	3.00
---	-----	------

VALERIANA (Garden Heliotrope)

Mixed. Hardy perennial border plant, with large fragrant flowers.....	.15	.60
--	-----	-----

VINCA

An excellent bedding plant; seed should be sown early.

	Trade Pkt.	Oz.
Alba. White, with rose centre.....	\$0.15	\$0.75
Alba Pura. Pure white.....	.15	.75
Rosea. Pink.....	.15	.75
Mixed.....	.15	.75

VIOLA CORNUTA (Tufted Pansies)

Admiration. Dark blue.....	.40	2.25
Mauve Queen. Lovely mauve color.....	.40	2.25
Perfection. Light blue.....	.40	2.25
White Perfection. Pure white.....	.40	2.25
Mixed. All colors.....	.30	1.75

VIOLA (Scotch Bedding Pansies)

Produces larger flowers than the Cornuta varieties.

	Trade Pkt.	Oz.
Golden Gem. Yellow.....	\$0.40	\$2.25
Lutea Splendens. Yellow.....	.30	1.75
Snowflake. Pure white.....	.40	2.25
Mixed. From best-named Scotch varieties.....	.50	

VIOLET (Viola Odorata)

Single Blue Czar40	2.00
-------------------------------	-----	------

GIANT DOUBLE ZINNIAS

An extra selected strain, with immense, perfectly double flowers.

Crimson

Scarlet

Flesh Color

Sulphur Yellow

Golden Yellow

Violet

Purple

White

Each of above colors, trade pkt., 30c.; \$1.00 per oz.

Choice Mixed Colors. Trade pkt., 20c.; 75c. per oz.





Michell's Mammoth Fancy Verbenas

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
Michell's Mammoth Fancy Blue.....	\$0.30	\$1.75
" " " Pink.....	.30	1.75
" " " Scarlet.....	.30	1.75
" " " Striped.....	.30	1.75
" " " White.....	.30	1.75
" " " Mixed.....	.30	1.25
Mammoth Lucifer. Flowers large, and of a deep cardinal red color throughout.....	.40	2.50
New Giant Flowered Mixed. A new variety of large size with extra large, white eyes.....	.50	2.00
Grandiflora Mammoth. Rose Queen (New). Delicate rose. Pkt., 30c.; 80c. per 3 pkts.		
" " " Scarlet Queen (New). Vivid scarlet with white eye. Pkt., 30c.; 80c. per 3 pkts.		
" " " Snow Queen (New). Snowy white. Pkt., 30c.; 80c. per 3 pkts.		
Mammoth Choice Mixed.....	.25	1.00
Fine Mixed.....	.20	.75
Lemon Scented (<i>Aloysia Citriodora</i>).....	.40	3.00

VERONICA (Speedwell)

A showy, hardy perennial border plant of easy culture; fine for bouquets.
 Spicata. Blue.....Trade Pkt. Oz.
 \$0.25 \$1.25



Michell's Zinnias

WALL FLOWER

	Trade Pkt.	Oz.
Double Brown.....(1/4 oz., \$1.50)	\$0.40	
" Yellow.....(1/4 oz., \$1.50)	.40	
" Mixed.....	.40	\$5.00
Paris Extra Early. Single flowering; blooms the first year from seed; excellent for forcing.		
Paris Extra Early Blood Red.....	.15	.50
" " " Yellow.....	.15	.50
" " " Mixed.....	.15	.40
Single Mixed.....	.15	.25

XERANTHEMUM (Everlasting Flower)

Double Mixed. Annual, for winter bouquets..... .15 .50

MICHELL'S "DISTINCTIVE" ZINNIAS

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

	Trade Pkt.	Oz.
Dwarf Double Crimson.....	\$0.15	\$0.50
" " " Pink.....	.15	.50
" " " Salmon Rose.....	.15	.50
" " " Scarlet.....	.15	.50
" " " White.....	.15	.50
" " " Yellow.....	.15	.50
" " " Mixed.....	.15	.35
Tall Double Crimson.....	.15	.50
" " " Orange.....	.15	.50
" " " Pink.....	.15	.50
" " " Scarlet.....	.15	.50
" " " White.....	.15	.50
" " " Yellow.....	.15	.50
" " " Mixed.....	.15	.35

ROBUSTA OR GIANT ZINNIAS

Crimson.....	.30	1.00
Flesh Color.....	.30	1.00
Golden Yellow.....	.30	1.00
Purple.....	.30	1.00
Scarlet.....	.30	1.00
Sulphur Yellow.....	.30	1.00
Violet.....	.30	1.00
White.....	.30	1.00
Choicest Mixed.....	.20	.75

VARIOUS ZINNIAS

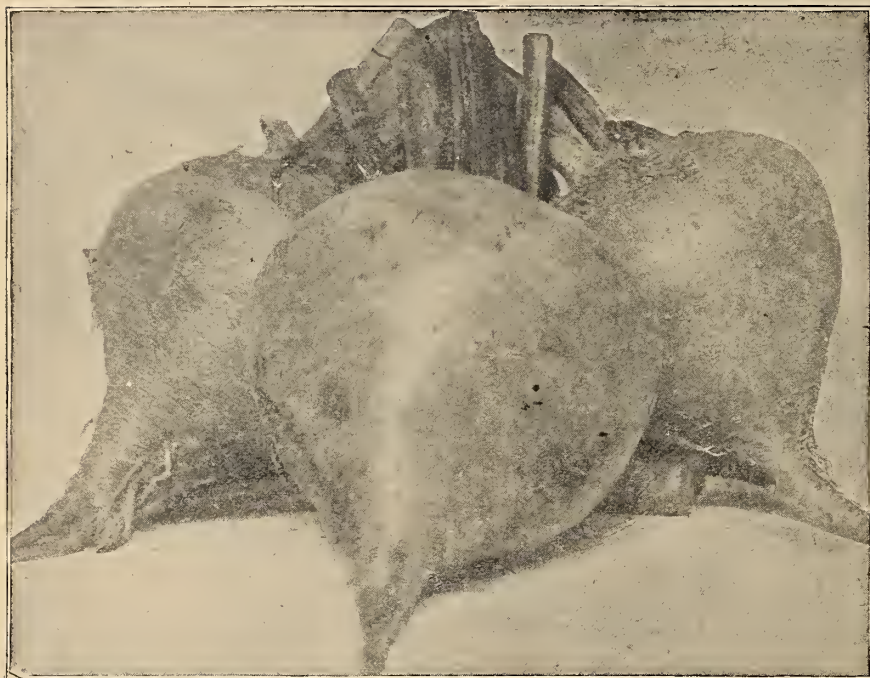
Curled and Crested. Double mixed.....	.15	.50
Giant Dahlia Flowered. Extra large flowers of a true Dahlia flowering type; mixed colors.....	.40	2.00
Giant Picotee, Golden Pheasant. A new and distinct variety; desirable for bedding or cutting; color, gold ground, each petal tipped with maroon.	.50	3.00
Giant Picotee. Large double flowers; mixed.....	.50	2.50
New Buttercup. An attractive variety; rich, deep buttercup yellow.....	.30	1.50
Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet.....	.20	.75

MIXED OR WILD FLOWER GARDEN SEED

A mixture containing a large number of varieties of easy growing and interesting flowers. Lb., \$1.25; 15c. per oz.

MICHELL'S VEGETABLE SEED SPECIALTIES

FOR MARKET GARDENERS



Beet, Detroit Dark Red (Michell's Special Strain)

BEET, DETROIT DARK RED

(Michell's Special Strain)

A selected strain grown for us by a very careful grower. An early, globe-shaped variety; good size, smooth and handsome, of a dark blood red color; the flesh is deep vermillion red, zoned with a lighter shade of the same color; of excellent quality, and a desirable sort for canning. Suitable for fall use as well as for spring. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

CARROT, RUBICON

(Michell's Selected Strain)

A first-class carrot of the right shape, length and color is a necessity to successful market gardening. Our stock of this important sort is French grown and is A-1 in every particular. The average length is about 5 inches; stump rooted, and of a beautiful orange color. You will find it splendid for growing under sash, or for outdoor culture. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75.



Carrot, Rubicon (Michell's Selected Strain)

All Seeds on this page mailed postpaid at quoted prices, excepting Beans; if desired by mail allow postage for these.

NEW BUSH LIMA BEAN WILSON'S IMPROVED

Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima; surely a most important feature in any lima bean, because it is from the early maturing garden products, money, or at least the most of it, is made. It is also much more prolific than the Burpee's Improved, though the pod or the bean is not quite so large, the latter we believe to be rather an advantage. It is our belief that when this variety is properly known it will meet with general favor. Be sure and plant a supply of them if you want the latest in bush limas. 40c. per lb.; 2 lbs. for 75c.; \$1.70 for 5 lbs.; 10 lbs., \$3.10; \$7.25 for 25 lbs.; 50 lbs. for \$12.50.

CELERY—"Easy Blanching"

This variety, without exception, is probably the most important Celery introduced in recent years. The bunch, shown below was grown from our seed by a market gardener in Collingdale, Delaware Co., Pa., and sent to us on October 2, at which time the three stalks weighed $13\frac{1}{2}$ lbs. and measured 18 inches through in breadth and 18 inches tall. This is a remarkable growth, and the entire planting averaged the same. It can easily be figured, that the plants attain an enormous size, considering that they had fully 30 days more in which to grow. The outer stalks are green, while the inner ones are white, with yellow leaf tips. A valuable variety for use prior to Thanksgiving day. It has a sweet, nutty flavor and is neither stringy nor pithy. Every grower of celery should include this in his list. Our stock is especially fine. 50c. per oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.



Celery, Easy Blanching

FOR MARKET GARDENERS

ALL SEEDS ON THIS PAGE MAILED
POSTPAID AT QUOTED PRICES



MICHELL

Lettuce—"Davey's" Big Boston

LETTUCE

"Davey's Improved Strain of Big Boston"

This seed is produced for us in a suburb of Paris, France, by one of the leading market gardeners there, who created a heavy demand for this variety. The strain is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of better flavor. The outer leaves of the head are large and somewhat loosely set around a solid, buttery, well-flavored heart or interior. We have sold this variety extensively to our market garden customers and many of them have booked their order in advance for this season's supply, in event of a crop failure. It is ideal for hotbed culture in the early spring and autumn, while for summer growing it is one of the best. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.00 per lb.

Testimonial

Anaconda, Mont.

We scooped up all the awards in our line at the State's Annual Show last autumn, and the products were all from Michell's Seeds.

GREIG'S GREENHOUSES.



Tomato, Michell's Early Red Wonder (see also front cover page)



MICHELL

Radish, Cardinal Globe (Michell's Selected Strain)

RADISH—CARDINAL GLOBE (Michell's Selected Strain)

Radishes of a fine type and strain is a money-maker for the market gardener; coming as they do—early—they often are a forerunner of good demands for other products, especially if the radishes are of fine quality. Our seed is produced for us in the best districts of France and is especially selected for short top and uniformity of type and color, always a brilliant red. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

TOMATO

MICHELL'S EARLY RED WONDER

Extremely Solid.

Beautiful Color.

Uniform in Shape.

A Sure Winner.

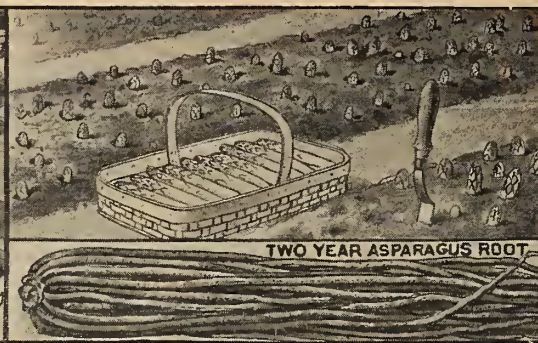
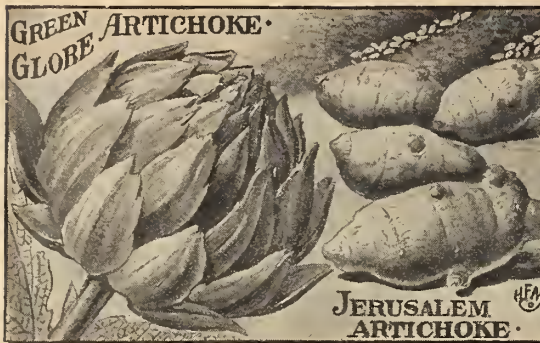
This variety is the result of a cross between "My Maryland" and "Magnificent," having originated with Mr. W. E. Vail, of Yorktown Heights, Westchester Co., N. Y. He has been watching it for a number of years, and finally thinking so well of it he asked us if we would not place it on the market, with the right to name it, which we have done, and we believe the name does it justice. Although we could only offer the seed last season in packets we were fortunate in having enough seed grown last season to offer to our customers this year in quantity. The fruits are fairly large, extremely solid and of a beautiful "tomato red" color. It is a shy seeder, therefore very solid. It is a wonderful market variety, being uniform in shape and in fact it possesses about every good attribute that a tomato can have. It is medium early (not extra early) but a winner and we know you will like it. It is a tomato we believe can be successfully grown anywhere that tomatoes will grow. We offered this variety last season for the first time, since which we have received numerous testimonials from our customers of the good results obtained from this variety. (See also front cover page.) Original pkts., 20c.; 45c. per oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

Testimonial

Dorothy, N. J.

Regarding the New Early Red Wonder Tomato, I have never grown a tomato of more uniform size and sterling quality, either in the field or under glass. The fruit are the largest I have ever forced.

H. K. LEWIS.



Seeds only on this page mailed postpaid at prices quoted.

ANISE (Herb)

Per oz., 15c.; 45c. per ¼ lb.; lb., \$1.50.

ARTICHOKE

Artichaut (Fr.); Artischoke (Ger.); Alcachofa (Ital.). One ounce will produce about 500 plants.

Sow seeds in January in the greenhouse or in hotbeds in March. Transplant to the open ground in May in rows 3 feet apart, 2 feet apart in the row. Seed may also be sown outdoors in May and transplanted in June. Cultivate when growing, freely, and protect the plants in winter by putting them in a cellar or cold frame; or they may be left outdoors protected by straw.

Green Globe. Per oz., 50c.; \$1.85 per ¼ lb.; lb., \$7.00.

ARTICHOKE PLANTS (Ready in April)

Green Globe. We grow a large stock of these, for those who do not care to bother with them from seed; thus assuring an early crop. Pot grown. \$1.50 per doz.; \$10.00 per 100.

ARTICHOKE ROOTS (Ready in April)

Jerusalem. Sometimes called the American Artichoke. Used for table and stock feeding. Cut the tubers to single eyes and plant them like potatoes, 3 to 4 feet apart each way, placing three or four tubers in a hill. Leave the tubers in the ground and dig them as wanted; they are hardy. 20c. per qt.; peck, \$1.00; \$3.50 per bu. of 60 lbs.

ASPARAGUS

Asperges (Fr.); Spargel (Ger.); Esparrago (Ital.). Sow 5 lbs. per acre for roots, or 1 oz. to 100 ft.

Asparagus grows easily in almost any good soil; best results are obtained in well-enriched, deeply-dug, sandy loam. A well-cared for bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seed should be sown thinly in early spring in rows 1 foot apart. Thin out the weakest plants so the remainder will be 4 inches apart. When 1 year old transplant in the permanent bed in rows 3 ft. apart, setting the roots 1 ft. to 1½ ft. apart, from where they can be cut three years later.

Michell's Giant Argenteuil (Special Strain). We find this variety excels both from a point of productiveness, tenderness, earliness and resistance to diseases. In size it is a giant. A marketable shoot or spear is often two inches in diameter and 12 inches long, of which every part when boiled is tender and delicious. It is the one variety that succeeds well in all soils and climates. Color, pure white, with a greenish purple tip. 10c. per oz.; ¼ lb., 15c.; 45c. per lb.

Barr's Mammoth. A variety producing heavy, stout spears, of delicious flavor. Remains green when cooked. A very popular sort. 10c. per oz.; ¼ lb., 15c.; 45c. per lb.

Conover's Colossal. A prolific sort, similar to Barr's Mammoth, but the stalks are a trifle larger and lighter in color. 10c. per oz.; ¼ lb., 15c.; 45c. per lb.

Palmetto or Eclipse. One of the earliest, producing uniform stalks. Prolific. Color, green. 10c. per oz.; ¼ lb., 15c.; 45c. per lb.

ASPARAGUS ROOTS

(Ready after March 1st)

4000 to 6000 roots required for an acre

We make a specialty of Asparagus Roots, having them grown for us in large quantities. Special prices can be quoted in large lots.

	2 Year Old Roots	
	100	1000
Barr's Mammoth.....	\$1.25	\$10.00
Conover's Colossal.....	1.25	10.00
Giant Argenteuil.....	1.25	10.00
Palmetto or Eclipse.....	1.25	10.00

	3 Year Old Roots	
	100	1000
Barr's Mammoth.....	\$1.50	\$12.50
Conover's Colossal.....	1.50	12.50
Giant Argenteuil.....	1.50	12.50
Palmetto or Eclipse.....	1.50	12.50

ACCESSORIES TO ASPARAGUS GROWING

Asparagus Tape. Fast cherry-red color, waterproof; in 1000-yard spools. Per spool, \$4.00.

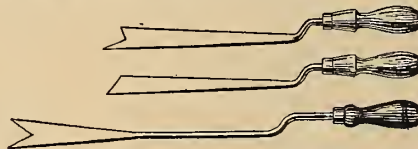
Raffia. Ideal for tying asparagus in bunches, in a neat and economical manner.

Natural. 22c. per lb.; 5 lbs., \$1.05.

Colored. 85c. per lb.

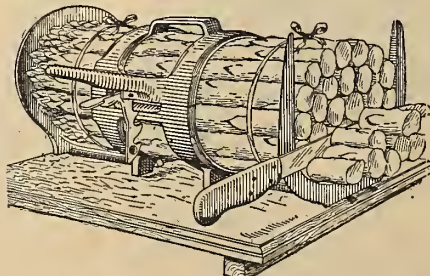
Raffia Tape. A linen and paper composition in 250-yard spools; Nile green color. 90c. per bolt; \$5.25 for 6 bolts.

Jute Twines. For tying asparagus; 2 and 3 ply; in balls, soft and pliable. 20c. per ball; lb., 40c.



ASPARAGUS KNIVES

No. 45. Bateman's (see center cut).....	\$0.55
Fig. 399. American. No. 3. V-shaped blade, short handle.....	.60
Fig. 399. American. No. 3. V-shaped blade, long handle.....	.65



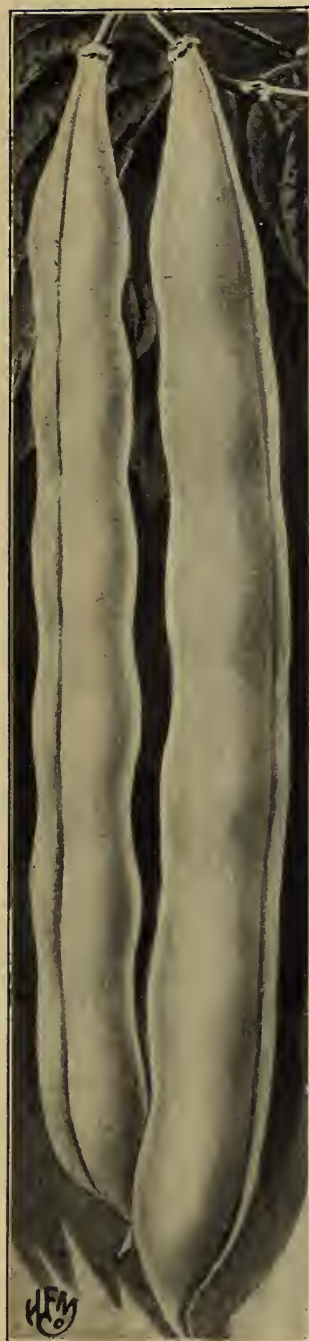
ASPARAGUS BUNCHER

It pays to use a buncher. Asparagus is quickly tied and looks uniform. With Knife Guard, \$3.00. P. P. Wt., 7 lbs.

BASIL (Sweet) Herb

20c. per oz.; ¼ lb., 50c.; \$1.75 per lb.





Improved Strain Golden Wax



Black Valentine

Haricots Nains (Fr.); Buschbohnen (Ger.); Faginoli Nani (Ital.).
Plant 90 lbs. per acre. 2 lbs. will plant 100-ft. row. If desired by mail, allow for postage.

GREEN-PODDED VARIETIES

Black Valentine. Pods very long and slender, semi-round and well flavored, slight string when old. 25c. per lb.; 2 lbs., 50c.; \$1.15 per 5 lbs.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

Early Mohawk. This variety can be planted before any other sort, being quite hardy, large cropper; flat pod. 25c. per lb.; 2 lbs., 50c.; \$1.15 per 5 lbs.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

Extra Early Refugee. An extremely early fleshy, saddle-back-pod variety. 25c. per lb.; 2 lbs., 50c.; \$1.15 per 5 lbs.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

Full Measure. A prolific stringless variety, of excellent quality. Pods long, round, firm and tender, and remain fit for use many days after maturity. A most valuable and promising variety. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.40; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Mammoth Stringless. An improvement on Burpee's Stringless Green Pod; early, round pod, free from string and, while not so prolific, makes a much larger pod. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.40; \$5.50 for 25 lbs.; 100 lbs., \$20.00.

Masterpiece. This is a large flat podded variety especially suited for growing under glass, though it may be planted successfully out of doors; the pods are long and handsome and it is very prolific. 40c. per lb.; 2 lbs., 75c.; \$1.75 per 5 lbs.; 10 lbs., \$3.25.

Red Valentine (Michell's Improved). A carefully selected stock of this well-known variety; it is one of the earliest sorts, maturing often in 45 to 50 days. 25c. per lb.; 2 lbs., 50c.; 5 lbs., \$1.15; \$2.25 per 10 lbs.; 25 lbs., \$5.00; \$18.00 per 100 lbs.

Stringless Green Pod (Michell's Improved Strain). When the pod has become quite old, it still retains its stringless qualities. Its extreme earliness, prolific and continuous bearing qualities and superior flavor are remarkable. Can be planted successfully through the season. The leading sort for market garden. 30c. per lb.; 2 lbs., 55c.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

Stringless Forcer. For culture under glass or for outdoor planting; the pods are long, slender, and round in shape; it grows dwarf and compact, and is a heavy yielder. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; \$2.40 per 10 lbs.; 25 lbs., \$6.25; \$22.50 per 100 lbs.

Triumph of the Frames. For forcing under glass, or for outdoor planting; very early; plants dwarf and compact; produce a mass of long, pale green pods of excellent quality. 50c. per lb.; 2 lbs., \$1.00; \$2.25 per 5 lbs.

WAX OR YELLOW-PODDED VARIETIES

These should not be planted quite as early as the green varieties. They being more tender are liable to rot.

Black Wax (Pencil Pod Strain). A round podded, hardy sort; entirely stringless; very early and desirable. 30c. per lb.; 2 lbs., 55c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.75 per 25 lbs.; 100 lbs., \$21.00.

Currie's Rust-Proof Wax. An improved type; extra early; a tremendous yielder, with long, thick, flat pods. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.40; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Refugee Wax. Round podded; of upright growth; quite stringless and of splendid quality. 30c. per lb.; 55c. for 2 lbs.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

Golden Wax Rust Proof (Michell's Improved Strain). This type far surpasses the old strain in

many points; the plants are very vigorous and thereby rust-resisting. The thick, flat, stringless pods are formed quite early and in great profusion. 30c. per lb.; 2 lbs., 55c.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

Round-Podded Kidney Wax. A vigorous grower, producing very fleshy pods; entirely stringless and rust-proof; very early. 30c. lb.; 60c. per 2 lbs.; 5 lbs., \$1.40; \$2.60 per 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

Sure Crop Stringless Wax. Very early, and remarkably productive; very hardy and free from disease; long, thick, flat pod; a splendid variety. 30c. lb.; 2 lbs., 60c.; 5 lbs., \$1.40; \$2.60 per 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

Wardwell's Kidney Wax. A favorite market bean; bears very long, thick, flat pods in great abundance; one of the best medium early sorts; excellent quality; free from rust; a reliable cropper. 30c. lb.; 60c. per 2 lbs.; 5 lbs., \$1.40; \$2.60 per 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

INOCULATING BACTERIA FOR GARDEN BEANS. A high-grade nitrogen bacteria used in growing garden beans; produces wonderful results. Mulford Germ, $\frac{1}{4}$ Acre size, 75c.; Acre size, \$1.50. Standard Bacteria, Garden size, 50c.; Acre size, 75c.

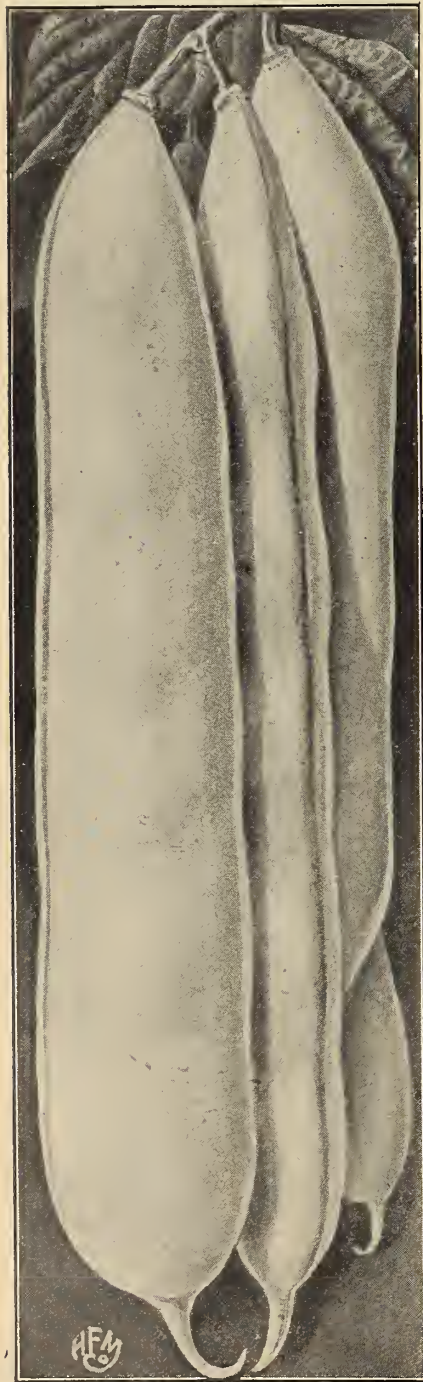
32 MICHELL'S DESIRABLE POLE BEANS (Not Limas)

SPECIAL NOTE.—Beans are now offered by the pound instead of by the pint, quart, peck and bushel. This system will be found practical and desirable. 2 lbs. equal 1 qt. If Beans are wanted by parcel post allow for mailing charges.

Haricots a rames (Fr.); Stangenbohnen (Ger.); Fiquoli (Ital.).

Plant as you would limas, in hills 4 feet apart each way, about 4 or 5 beans to the hill, eyes downward; when all danger of frost or cold nights is over. Don't be afraid to put a liberal number in a hill, as this is cheaper than replanting; often one bean germinates where another won't, even on the same hill. When up and established, thin out to 3 plants in a hill. About 20 pounds to the acre.

Pole Beans are not accorded in the north the same attention they deserve and receive in the southern part of the United States, where they are found in practically every market garden. They are frequently more tender and yield larger crops than the dwarf sorts. One planting lasts usually for the season. The secret of success in growing them is to keep picking them as they mature. They continue to bear and yield quantities of tender beans of delicious flavor.



Golden Cluster Wax

Early Golden Cluster Wax. A beautiful deep yellow pod, flat and frequently 8 inches long; makes a delicious dish as a butter bean or for picking; quite stringless and matures in about 85 days. It is a heavy yielder, the pods being borne in large clusters. Quite easily the best of the pole beans and a splendid variety for the market garden. 35c. per lb.; 2 lbs. 70c.; \$1.65 per 5 lbs.; 10 lbs., \$3.20; \$7.50 per 25 lbs.; 100 lbs., \$28.00.

Scarlet Runner (Green Pod). While used principally for its flowering qualities, this makes a splendid winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellis, fences, posts, etc. 40c. per lb.; 2 lbs., 75c.

Kentucky Wonder (Old Homestead). Green Pod. In the south this variety is grown more extensively probably than any other; a tremendous yielder of long pods, very tender and practically stringless. It is round-podded and really the best of the green pole beans. It is quite early, being ready for picking about 85 days from planting. 30c. per lb.; 2 lbs., 55c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

DWARF VARIETIES OF SHELL BEANS FOR WINTER USE

If there is any vacant space in the truck patch it will pay to plant some of these varieties. For soups, baked beans, etc., they are always useful. They can be used in the green state like other sorts, but for the first-named purpose they are best.

Boston Navy or Pea. For soup and baking purposes. 25c. lb.; 2 lbs., 45c.; 5 lbs., \$1.10; \$2.00 per 10 lbs.; 25 lbs., \$4.50; \$17.00 per 100 lbs.

Broad Windsor. An English bean used in the dry state shelled. Plant in rows about 3 feet apart, about 8 inches apart in the row. 35c. lb.; 2 lbs., 65c.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.75; \$25.00 per 100 lbs.

Dwarf Horticultural. One of the best early shell beans grown; the thick, flat, stringless pods are colored red and green; the bean is large, round and speckled. 30c. lb.; 2 lbs., 55c.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

White Marrowfat. 30c. lb.; 2 lbs., 55c.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

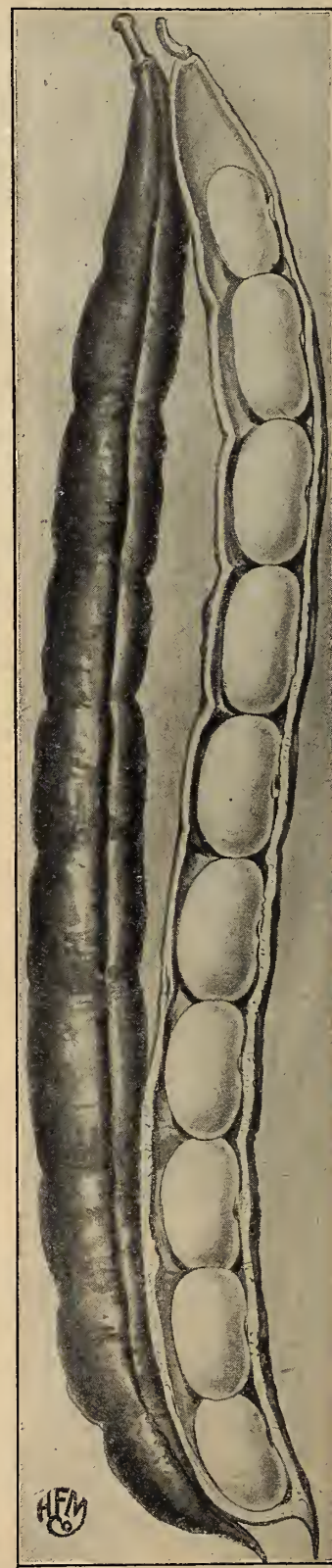
CEDAR BEAN POLES (Pointed)

Extra selected quality, about 10 feet long. \$2.00 per doz.; per 25, \$3.75; \$7.00 for 50; 100 for \$12.00.

INOCULATING BACTERIA For Garden Beans

Contains pure tested strains of active, vigorous nitrogen fixing bacteria, for inoculating seeds of legumes, to which family of plants beans belong; produces wonderful results; increases the yield and also the fertility of the soil in which they are planted.

	Garden size (1/4 acre)	Acre size
Mulford Germ.....	\$0.75	\$1.50
Standard Bacteria .....	.50	.75



Kentucky Wonder

MICHELL'S LIMA BEANS

33

Haricots a rames (Fr.); Stangenbohnen (Ger.); Figiuolo di Lima (Ital.).

POLE VARIETIES

Two pounds will plant 100 hills; 25 to 30 lbs. per acre.

If desired by mail, allow for postage.

Plant when all danger of frost or cold nights is over, with the eye of the bean down. Don't be afraid to put a liberal number in a hill, as this is cheaper than re-planting; often one bean germinates where another won't even on the same hill. When all the beans have germinated that will grow, leave 3 or 4 remain in the hill. The poles should be set as soon as the garden is made in rows about 3 feet apart, with the poles about 3 ft. apart in the row. It is a good plan to put a small shovel-ful of well-rotted cow manure in each hill when the poles are set, so the beans when started will make rapid growth and mature early.

Carpinteria. A variety that retains its green color in all stages of growth, and after being dried; with this it combines wonderful prolificness, flavor and size; a good early variety; 4 to 5 beans in a pod. 40c. lb.; 2 lbs., 70c.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; \$6.50 per 25 lbs.; \$24.00 per 100 lbs.

Dreer's Improved Potato or Challenger. Early and more prolific than the Large Lima; beans small and of extra quality. 40c. lb.; 2 lbs., 70c.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

Giant Podded. This variety is fully a week earlier than King of the Garden. It is a prodigious cropper, producing its pods in large clusters. These are well filled with large beans of excellent quality. 40c. lb.; 2 lbs., 70c.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

King of the Garden. Vigorous grower, producing a continuous bloom and crop to the extreme end of season. Pods are of enormous size, many specimens measuring from 5 to 8 inches, and producing as high as six beans to the pod, perfectly formed and of superior quality. 40c. lb.; 70c. for 2 lbs.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

Michell's Evergreen. This remarkable pole lima equals the earliest for earliness, is far more productive than any other, and retains at all times a beautiful green color. Pods contain on the average 5 to 6 beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather. All who grow limas should have this valuable variety in the market garden. 40c. lb.; 2 lbs., 70c.; 5 lbs., \$1.50; \$2.80 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

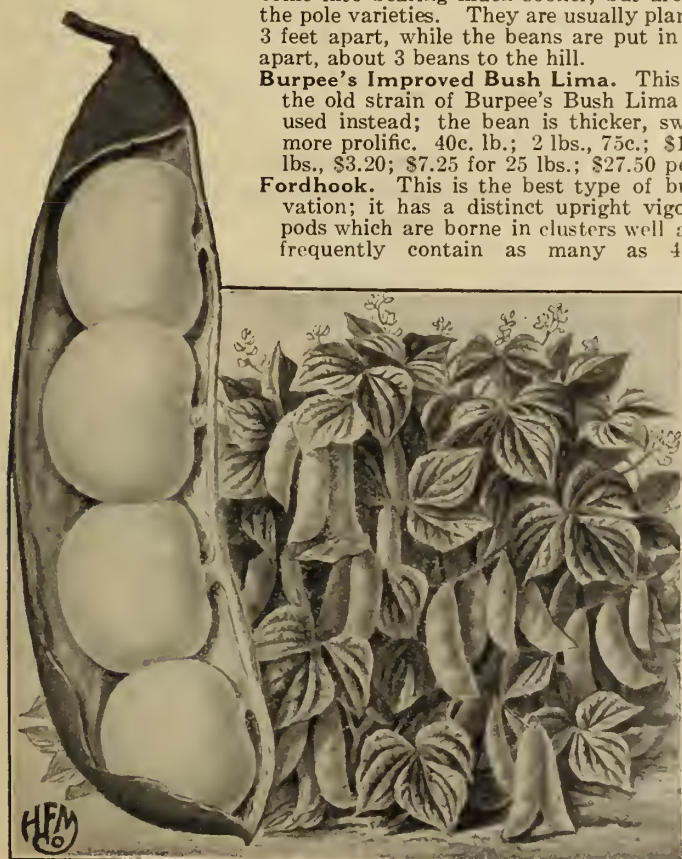
BUSH OR DWARF VARIETIES

Bush Limas should be planted for early crops, as they come into bearing much sooner, but are not so prolific as the pole varieties. They are usually planted in rows about 3 feet apart, while the beans are put in hills about 2 feet apart, about 3 beans to the hill.

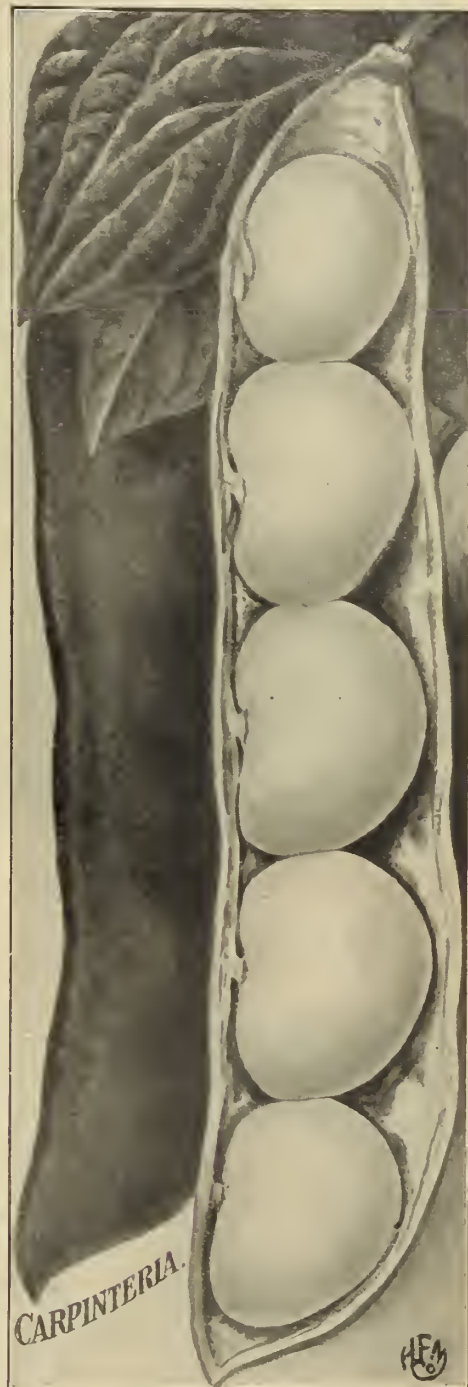
Burpee's Improved Bush Lima. This is so far ahead of the old strain of Burpee's Bush Lima that it should be used instead; the bean is thicker, sweeter, earlier and more prolific. 40c. lb.; 2 lbs., 75c.; \$1.70 per 5 lbs.; 10 lbs., \$3.20; \$7.25 for 25 lbs.; \$27.50 per 100 lbs.

Fordhook. This is the best type of bush lima in cultivation; it has a distinct upright vigorous growth; the pods which are borne in clusters well above the ground, frequently contain as many as 4 thick luscious

beans. It matures very early and continues in bearing till frost. 45c. lb.; 2 lbs., 80c.; \$1.75 per 5 lbs.; 10 lbs., \$3.30; \$8.00 per 25 lbs.; 100 lbs., \$30.00.



Fordhook Bush Lima



WILSON'S IMPROVED (New)

Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima, also much more prolific. For full description see page 28. 40c. lb.; 2 lbs., 75c.; \$1.70 per 5 lbs.; 10 lbs., \$3.10; \$7.25 per 25 lbs.; 50 lbs. for \$12.50.

INOCULATING BACTERIA

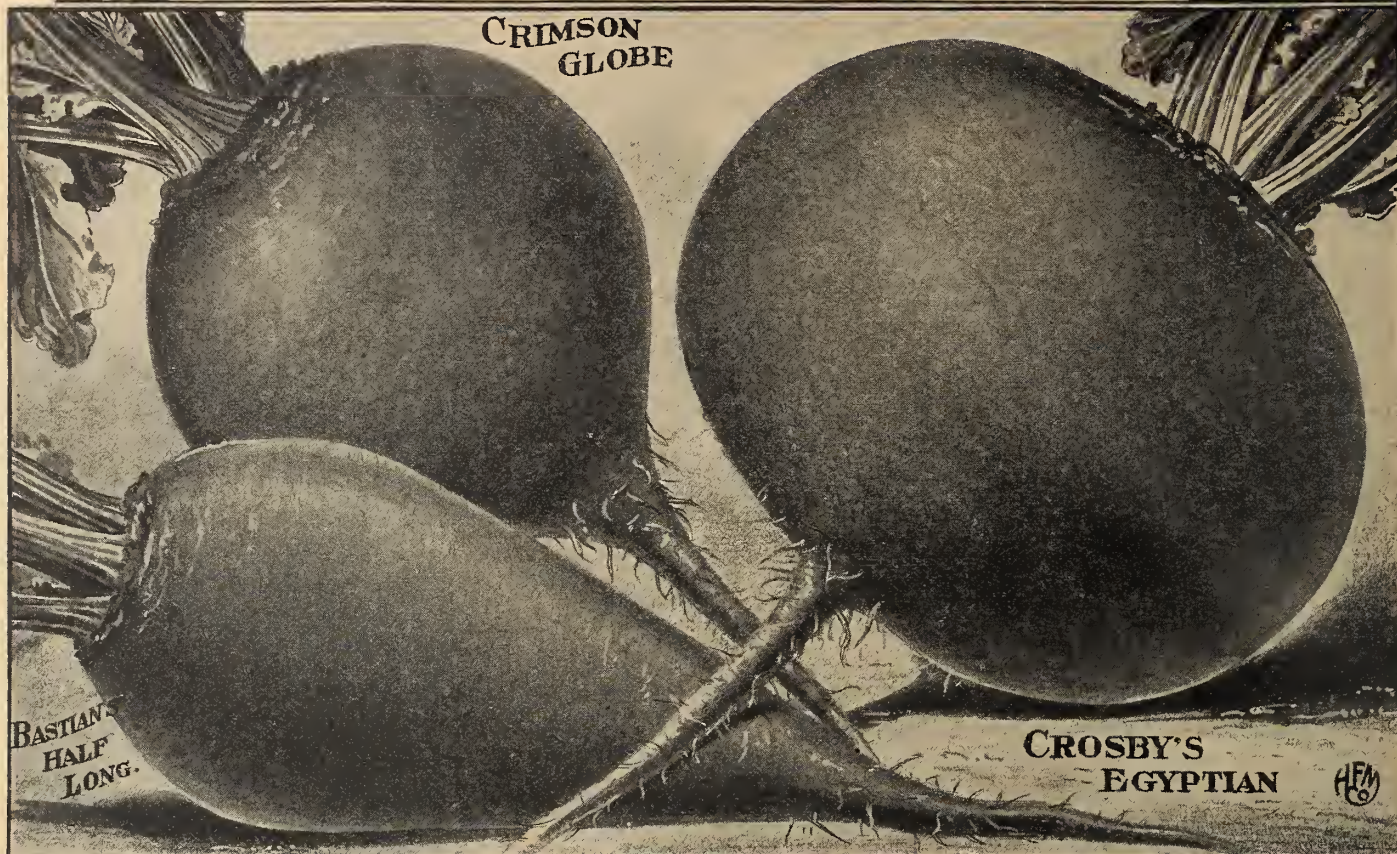
If you want your lima bean patch to yield earlier, better and more beans than usual, inoculate the seed before planting with Bacteria; easy to use; effective in results, making the soil richer.

When ordering, be sure and specify wanted for lima beans, as each leguminous crop requires a separate culture.

	Garden size (1/4 acre)	Acre size
Mulford Germ.....	\$0.75	\$1.50
Standard Bacteria.....	.50	.75

ALL PRICES SUBJECT TO MARKET CHANGES

oh



Betterave (Fr.); Salatrube (Ger.); Barbabietola (Ital.).
One ounce will sow a row about 50 ft. long; 5 lbs. are required to sow an acre.

Prices of all seeds on this page include mailing charges.

Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out.

Arlington Favorite. Extra early; exceedingly sweet; rich, blood red; turnip-shaped, 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 80c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Bastian's Extra Early. The best beet for market and family use; grows quite large; turnip-shaped, 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Bastian's Half Long Blood. A valuable variety to follow Bastian's Extra Early. 10c. oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Bassano (Extra Early). A flat variety; flesh white and rose colored; excellent used as buttered beets. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Crimson Globe. Almost round in shape; of a rich, deep red color; it has a distinct delicious flavor and is very tender; good for sowing early for forcing and summer use. 10c. oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Crosby's Egyptian. One of the earliest beets; especially desirable on account of its rich blood red color throughout, and its extreme tenderness. An early spring and winter variety, and a good keeper. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; \$3.75 per 5 lbs.; 10 lbs., \$7.00.

Detroit Dark Red. A desirable type of turnip-shaped beet; very tender; excellent for winter keeping. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Detroit Dark Red (Michell's Special Strain). See page 28. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

Eclipse. Perfectly smooth and round; skin and flesh intense red. An excellent sort for forcing or for the market garden. 10c. oz.; $\frac{1}{4}$ lb., 25c.; 80c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Lentz Early. Fine for sowing in hotbeds and outdoors early. It is also a desirable winter variety; blood red. 10c. oz.; $\frac{1}{4}$ lb., 25c.; 75c. lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Michell's Ideal. (New). A splendid turnip-shaped variety; splendid for early summer use or as a winter keeper. 15c. oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.; 5 lbs., \$5.50; \$10.00 per 10 lbs.

Michell's Winter Keeper. (New). Globe shape; rich red, tender and sweet; one of the best winter varieties. 25c. oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

BEETS (Mangel Würzel). See page 47.

BEET (Spinach or Swiss Chard). See page 55.

BORAGE (Herb)

20c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

BROCCOLI. One ounce will produce 3000 plants

A vegetable resembling cauliflower.

White Cape. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

BRUSSELS SPROUTS

Chou de Bruxelles (Fr.); **Rosekohl** (Ger.); **Berza de Brusels** (Ital.).

One ounce will produce 3000 plants.

Sow seed about May 15th; transplant when about 4 ins. high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for market after they have had a slight frost.

Matchless Improved. 15c. oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

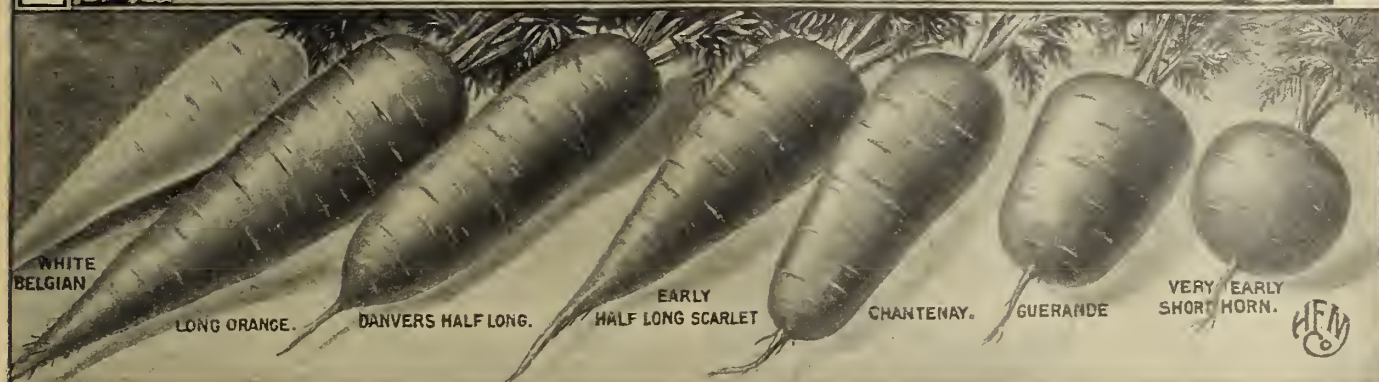
BRUSSELS SPROUTS PLANTS

(Ready in July)

60c. per 100 (by mail, 70c.); per 1000, \$5.00.



Brussels Sprouts



All seeds on this page mailed post free at quoted prices.

Carotte (Fr.); Mohrhuben (Ger.); Carota (Ital.)

One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.

For an early crop sow as soon as danger from frost is over in rows 1 foot apart; when 2 inches high thin out to stand 2 inches apart in the row. For late crop sow in May or June. The long sorts sow early, the half-long and round sorts can be sown later.

Chantenay Half-Long. Fine orange scarlet color; very productive; especially desirable for market or home use. The flesh is tender, firm and finely grained; 5 inches long, stump-rooted. Per oz., 10c.; 25c. per ¼ lb.; per lb., 75c.; \$3.25 per 5 lbs.

Danvers Half-Long. The best variety for general crop; rich orange color; a very heavy yielder and splendid keeper; a first-class carrot for all soils, and valuable both for table and stock; 6 to 7 ins. long; stump-rooted. We have an extra fine strain of this favorite sort. Per oz., 10c.; 25c. per ¼ lb.; per lb., 85c.; \$3.75 per 5 lbs.

Early Half-Long Scarlet. A very desirable pointed root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color; can be sown in hotbeds for early use; 5 to 6 inches long. Per oz., 15c.; 40c. per ¼ lb.; per lb., \$1.40; \$6.25 per 5 lbs.

Early Scarlet Horn. A favorite early red variety; fine grain and good flavor; stump-rooted, about 6 inches long. Per oz., 10c.; 25c. per ¼ lb.; per lb., 85c.; \$3.75 per 5 lbs.

CAULIFLOWER

Choux-Fleurs (Fr.); Blumenkohl (Ger.); Cavol-Fiora (Ital.)

One ounce of seed will produce about 3000 plants.

Sow seeds in hotbeds or window boxes in February or March and transplant in cold frames until it is safe to plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant. An ideal variety for summer use, as it will stand more drought and heat than most other sorts; the heads are snow white. Pkt., 20c.; \$1.25 per ¼ oz.; per oz., \$4.00; \$13.50 per ¼ lb.; lb., \$50.00.

Early Snowball. A splendid early variety, for either forcing under glass in cold frames or for outdoor spring planting producing magnificent medium size white heads. Pkt., 20c.; 85c. per ¼ oz.; per oz., \$3.00; \$9.00 per ¼ lb.; lb., \$35.00.

Half Early Paris. A well flavored small head, suited to growing outdoors only. Pkt., 15c.; 50c. per ¼ oz.; oz., \$1.50; \$4.50 per ¼ lb.; lb., \$15.00.

Michell's Early Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; especially desirable for its earliness under glass, but does equally well in late spring, summer or autumn outdoors. Pkt., 20c.; \$1.25 per ¼ oz.; oz., \$4.00; \$13.50 per ¼ lb.; lb., \$50.00.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation; the head is not as large as the Snowstorm sort. Pkt., 20c.; 75c. per ¼ oz.; per oz., \$2.25; \$8.00 per ¼ lb., lb., \$30.00.

CARAWAY (Herb)

10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.

CATNIP (Herb)

20c. per pkt.; ½ oz., \$1.35; \$2.50 per oz.

CHAMOMILE (Herb)

10c. per pkt.; ½ oz., 50c.; 85c. per oz.; ¼ lb., \$2.75.

Guerande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 or 4 inches long. It has a very fine flavor and is colored a rich orange. Per oz., 10c.; 25c. per ¼ lb.; per lb., 85c.; \$3.75 per 5 lbs.

Improved Long Orange (Michell's Special Strain). Deep orange color; 10 inches long; good flavor; yields heavily; is of excellent table quality, and is one of the best for stock feeding; pointed root. Per oz., 10c.; 25c. per ¼ lb.; per lb., 75c.; \$3.25 per 5 lbs.

Orange Beauty. A first-class carrot in every respect. Medium long pointed root and a splendid winter keeper. 10c. per oz.; ¼ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75.

Rubicon Half-Long (Michell's Selected Strain). The best in shape; its deep red orange-colored flesh is of finest quality; stump-rooted. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing and for growing outside. (See illustration on page 28.) Per oz., 10c.; 25c. per ¼ lb.; per lb., 85c.; \$3.75 per 5 lbs.

Very Early Short Horn Scarlet or French Forcing. An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Per oz., 10c.; 30c. per ¼ lb.; per lb., \$1.00; \$4.50 per 5 lbs.

White Belgian. Used principally for stock, not being desirable for table; produces a long thick white root. It is also used for soiling or turning under, being a valuable humus maker. It is about 8 to 10 inches long with a green top. 10c. per oz.; ¼ lb., 20c.; 70c. per lb.; 5 lbs., \$3.25.



Michell's Earliest Snowstorm Cauliflower

CAULIFLOWER PLANTS (Ready about April 1st)

	Doz.	100	1000
Snowball variety only. From hotbeds.....	\$0.20	\$1.25	\$8.00
Snowball variety only. Potgrown plants....	.65	5.00	

ALL PRICES SUBJECT TO MARKET CHANGES

oh

*Early Jersey Wakefield**Henderson's Early Summer*

Chou pomme (Fr.); Kopf Kohl (Ger.); Cavolo Cappuccio (Ital.)

One ounce will produce about 3000 plants; 4 oz. will produce enough for an acre

Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession.

All seeds on this page mailed post free at prices quoted

A book on the Culture of CABBAGE AND CAULIFLOWER, comprehensive, interesting and instructive, 80c. postpaid

EARLY VARIETIES

All Head. The largest of the early cabbages. The head is roundish flat and remarkably solid; excellent for winter as well as early spring. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Copenhagen Market. The earliest round variety in cultivation. The heads frequently weigh as much as 10 lbs. Denmark has always been a producer of fine cabbage and many of our best sorts have originated there; in this variety we offer a splendid sort, which should be planted by every cabbage grower. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.75 per lb.

Early Jersey Wakefield (Improved Strain). The finest type of early cabbage in existence. A great improvement over the usual strains. It produces uniform pointed heads, and should be sown by every market gardener. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Henderson's Early Summer. The leaves have a more bluish cast than the other cabbages; the heads are roundish flat. A fine variety for following the early types, making a splendid solid head. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Large Charleston Wakefield. Similar to the Early Wakefield, but the heads are more blunt, equally as solid, while it grows almost twice the size and matures one week later. This is a splendid cabbage for the market garden. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

*Danish Ball Head Cabbage*

For description, see page 37.

Guelph, Can., Mar. 4th, 1919.

Dear Sirs:—

My seed order from your firm arrived today, and everything is satisfactory. I like your goods so well that I am willing to pay duty to buy them from you.

Yours respectfully,

W. McS.

ALL PRICES SUBJECT TO MARKET CHANGES

oh

All seeds on this page mailed postpaid at quoted prices.



Late Flat Dutch Cabbage

All Season (Vandergaw). A very large head, round and solid. It is valuable for late summer or winter use. 25c. per oz.; $\frac{1}{4}$ lb., 80c.; \$2.75 per lb.

Danish Ball-Head (Michell's Improved Strain). This excellent winter cabbage is unequalled for its keeping qualities, massiveness and weight. For boiling, cold slaw, sauer kraut, etc., it is ideal, being crisp, tender and sweet. One of its virtues is that it does well under most any condition of moisture or drought; heads rarely burst. (See illustration on page 36.) 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Late Flat Dutch (Improved Strain). This has been selected especially for our trade, the seed being taken from the finest type of heads which are selected for solidity and uniformity. In a row or field of this strain every head appears uniform, and its excellence is apparent. There is no better keeping cabbage in existence, being very solid. For sauer kraut it is unsurpassed. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Perfection Drumhead Savoy. A beautifully crimped-leaved sort; color a deep glossy green. The head is almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. We recommend it highly, being one of the best cabbages grown for market. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Red Dutch Drumhead. A red variety used extensively for pickling. Few people can appreciate it because they have never tried it. For cold slaw it has merits over the white kinds. It is principally used for winter. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

CHERVIL

One ounce will sow a row 25 feet long.

An aromatic plant used extensively in Europe as a salad seasoner. It adds a flavor that is entirely its own. When chopped fine and scattered on buttered potatoes it is a rare treat. American gardeners should become familiar with this, as they are missing one of the best things that grow. Sow it in a row like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks; if one has heated frames or a greenhouse it can be sown under glass all winter. It can be cut 4 or 5 weeks after sowing. **Double Curled.** Oz., 10c.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

CHICORY

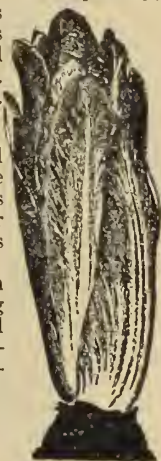
Witloof. This grows in a solid oblong head and blanches ivory white. When lifting cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads and is used to such an extent in this country that much of it is imported.

The seed should be sown thinly in drills in May and be well cultivated during the growing season; after a few sharp frosts the tops should be pulled off and the roots stored in a cool, frost-proof cellar, and forced during the winter as desired.

15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.

CORIANDER (Herb)

10c. per oz.; $\frac{1}{4}$ lb., 20c.; 50c. per lb.



Witloof Chicory



PE-TSAI (Chinese or Celery Cabbage)

Of upright growth, about 15 inches. It resembles a head of Romaine Lettuce, but possesses the attractive curly feature of Silesian Lettuce, and a broad wide rib. The heads are very firm, almost like Cabbage. It may be served like lettuce. It makes excellent cold slaw; may also be cooked as Cabbage. It can be planted as a spring or autumn crop; for the latter the seed is sown in July. The plants should be set from 15 to 18 inches apart, the rows 2 to 2 $\frac{1}{2}$ feet apart. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 lb.

CABBAGE PLANTS

Ready in season according to variety.

Early Sorts. From hotbeds. Per 100, 60c.; per 1000, \$5.00.

From Cold Frames, Transplanted. 100, 75c.; per 1000, \$6.50.

Late Sorts. Danish Ball Head and Late Flat Dutch only. Ready July 1st. Per 100, 50c.; per 1000, \$3.50.

CHIVES (Schnittlauch)

Indispensable for flavoring certain dishes; it imparts a mild onion taste. The plants are hardy and will last for years; don't cut the plant too close when gathering. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen. **Seed.** Pkt. 10c.; 50c. per $\frac{1}{2}$ oz.; oz. 85c.; \$2.75 per $\frac{1}{4}$ lb.; lb., \$10.00.

Strong Plants. 12c each; doz., \$1.25; \$8.50 per 100.

COLLARDS

Four ounces of seed will produce enough plants for an acre.

These are extensively grown in the south and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used, when new ones then form on the upper part of the stem, which increases in height. They are planted much like cabbage. They also make splendid winter food for poultry and lambs.

Georgia or Southern. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb., postpaid.



Georgia Collards



Mitchell's Strain "Easy Blanching" Celery

MICHELL'S CHOICE CELERY

Celeri (Fr.); Sellerie (Ger.); Sedano (Ital.).

One ounce of seed will produce 3000 to 5000 plants; half-pound sufficient for one acre.

All seeds on this page mailed post free at prices quoted.

Sow in hotbeds or in open ground in drills in April. See that no weeds infest the seed bed or the drills; transplant in rows 3 feet apart, 6 inches apart in the row.

EARLY VARIETIES

(For Thanksgiving and Christmas Use)

Easy Blanching. A splendid first early variety, being ready in October, and producing enormous thick stalks which are very crisp. 50c. per oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

Golden Self Blanching (French Grown Seed). One of the earliest and most productive sorts. The beautiful golden-colored stalks attain a height of 18 inches, which are never pithy, and of excellent flavor; ready in October, but may be kept for early winter use. 80c. per oz.; $\frac{1}{4}$ lb., \$2.75; \$10.00 per lb.

Golden Self Blanching (American Grown Seed). From seed stock renewed annually from France. 40c. per oz.; $\frac{1}{4}$ lb., \$1.25; \$4.00 per lb.

New York. A large, self blanching variety; crisp and never pithy; one of the finest varieties for the market gardener. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Pink Plume. A splendid table novelty; splendid flavor, crisp, and not stringy. Oz., 20c.; 60c. per $\frac{1}{4}$ lb.; per lb., \$2.00.

White Plume (Mitchell's Private Stock). The standard early celery for market garden. The stalks and heart which blanch very quickly to almost a pure white, are very crisp and brittle. It can be used early in November and is of the finest quality. Our strain of seed is very superior in every way. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

LATE WINTER VARIETIES

Giant Pascal. This is in its prime for use during February and March, and can be used well up into spring. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

Winter King. Perfectly solid, crisp and of a delicious flavor; blanches well and is one of the best winter keeping varieties. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Winter Queen. A medium tall solid variety; will retain its qualities long through the winter. The heart is very full and large. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

New Columbia. A new variety of great merit; a medium tall sort, producing a large, heavy stalk; has splendid keeping qualities. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

CELERY SEED (For Flavoring)

Per $\frac{1}{4}$ lb. 15c.; 50c. per lb.

CELERY PLANTS (Ready in July)

Leading varieties. 60c. per 100; per 1000, \$5.00.

BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early, made of stiff, heavy paper. If the tubes are to be left on the plants all winter and the soil drawn around them, you get celery clean and sweet.

			Per 50	100	1000
No. 1.	6 x 12 in.	Wt. per 100, 8 lbs...	\$1.75	\$3.20	\$28.00
No. 2.	6 $\frac{1}{2}$ x 13 in.	Wt. per 100, 10 lbs...	2.00	3.70	32.50
No. 3.	7 x 14 in.	Wt. per 100, 14 lbs...	2.10	4.10	37.00

BALL CELERY HANDLERS

Brass, \$4.50 each. Tin, \$1.75 each.

CELERY PAPER

For winter protection; in 500 sq. ft. rolls. Price upon application.

CELERY TAPE

Fast red; in spools of 1000 yards, \$5.75.

This vegetable is used for two purposes: The leaves are cut when young and used to flavor soups and meats. The roots are boiled, sliced, cooled, and served as a salad. Sells readily in some markets.

Giant Prague. 15c. oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

CHARD

Swiss Chard, Giant Lucullus

Oz., 10c.; 25c. per $\frac{1}{4}$ lb.; per lb., 85c.; \$4.00 per 5 lbs.; 10 lbs., \$7.50.

CITRON

(Preserving Melon)
10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.

CELERIAC





Golden Bantam

Mais (Fr.); Welschkorn (Ger.); Grano Turco (Ital.)

1½ lbs. will plant about 200 hills; 12 to 15 pounds will plant an acre.

Plant once a week from the moment the ground is permanently warm until July 15th. Drop from 6 to 8 grains in hills three feet apart each way, or in rows three feet apart; if the latter, thin out so the plants stand 12 inches apart; if left in hills, thin out when 4 inches high to 3 to 4 strong plants to the hill. The early varieties should be planted for a late crop to be sure of maturity.

NOTE.—If corn is wanted by parcel post allow for mailing charges.

EARLY VARIETIES

Bantam Evergreen. A splendid extra early yellow variety claimed to be earlier than Golden Bantam, and with much larger ears. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$9.00.

Early Mayflower. An improved White Cory, maturing very early; it is dwarf in growth with large, well-filled ears. 25c. per lb.; 2 lbs., 40c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$8.00.

Early Evergreen. This variety is closely allied to Stowell's in shape, flavor and style, but is much earlier; produces large well-shaped ears with deep grains. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$8.50.

Golden Bantam. While yellow in color, this is the sweetest and earliest corn in existence; if once planted it will be a sure favorite. The ears are medium size, tender and delicious. The plant is of dwarf growth; we recommend it very highly for the home garden. Many people have an idea that yellow corn for the table is not practical, but one taste of Golden Bantam will change their mind. Try it on your market or home trade. 25c. per lb.; 2 lbs., 40c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$9.00.

Golden Cream. A cross between Country Gentleman and Golden Bantam and combines the excellent qualities of both. It is almost as early as Golden Bantam, has deeper grains, and a larger ear. When picked ripe it is light yellow; after being cooked it is darker yellow. 25c. per lb.; 2 lbs., 40c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$9.00.

De Lue's Golden Giant. The growth is dwarf and compact, thus assuring early maturity. Ears are of good length, and well filled out from butt to tip and very symmetrical; kernels are staged regularly on the cob and are fairly large. A heavy yield and of excellent quality. 60c. per lb.; 2 lbs., \$1.15; \$2.50 per 5 lbs.; 10 lbs., \$4.50; \$10.50 per 25 lbs.; 50 lbs., \$20.00.

Howling Mob. Although an early variety, the ears are much larger than most of the other early sorts, while the grains are much whiter and sweeter. A splendid sort for the market gardener as well as for home use. Might be classed worm proof, since the husk covers the ear completely and in a tight fashion. It follows the Adams Extra Early types, which are not near so sweet. 25c. per lb.; 2 lbs., 40c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$9.00.

Ideal. The grower of this variety has been carefully selecting it for many years. Exceedingly early and large yielder. It is not quite as sweet as some other varieties. It is, though, nevertheless, well flavored and its extra early feature outweighs all other points against it. It comes in sooner than other white-kernel varieties like Adams Extra Early. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 50 lbs., \$8.00.

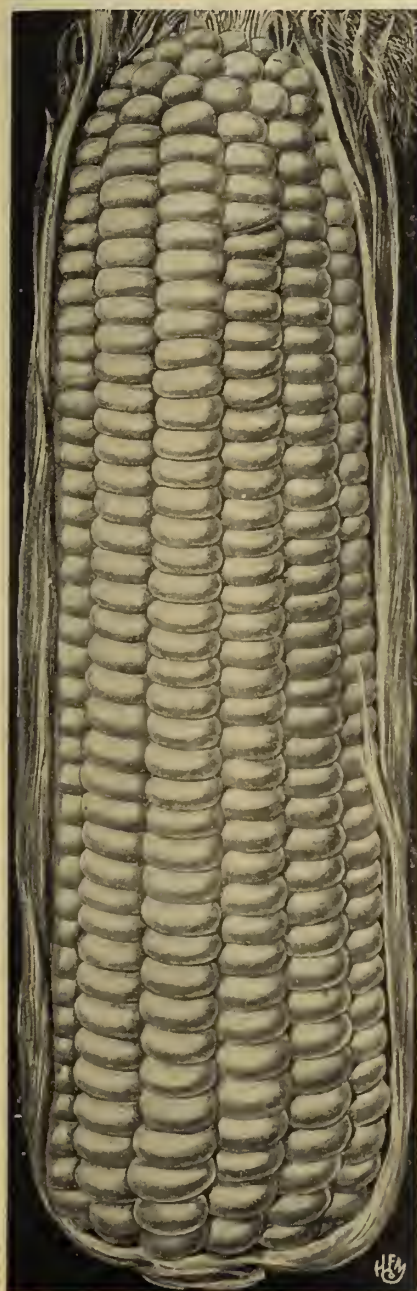
Kendel's Early Giant. Large ears; large deep grain; well flavored and extra sweet. The ears are very cylindrical. An ideal sort for the first and last planting. Just the variety to grow for market garden trade. It gives the housewife a lot of splendid quality for her money. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 50 lbs., \$8.00.

Stabler's Extra Early. This is the standard early sort for the market garden. The large ear is well arrayed with even grains which cook pure white and are very tender. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 50 lbs., \$8.00.

CHOICE FIELD CORN FOR SEED

We are headquarters for the leading varieties, which we have had grown on contract especially for us in various localities best suited to yield and development. We will be pleased to mail samples of field corn and quote prices. See page 58 for a complete list of sorts we sell.

NOTE.—Sugar Corn is now sold by the pound instead of by the pint, quart, peck and bushel. 1 lb. equals about 1½ pints.



Mitchell's Delicious (See page 40)



Country Gentleman

NOTE.—Sugar corn is now sold by the pound instead of by the pint, quart, peck and bushel; $1\frac{1}{2}$ lb. is about equal to 1 qt. If sugar corn is wanted by parcel post, please allow for mailing charges.

MEDIUM and LATE VARIETIES

Black Mexican. A medium late variety, reputed to be without exception the sweetest corn grown; while the grains are young they cook white; as the ear becomes older it cooks a violet shade on the outside, but in either stage of growth it is desirable. The ears are medium sized and are produced abundantly. We would not recommend this as a market variety unless one has an exclusive trade that demands it. 25c. per lb.; 2 lbs., 40c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$8.00.

Country Gentleman (Michell's Improved Strain). A distinct sort, with deep, fine grains which are staged irregularly on the cob. In sweetness it is unapproached and for this reason it should recommend itself to every planter. The ears are large and borne on stalks about 6 feet high, a very productive variety and desirable for market use. Our Improved Strain is a careful selection of the finest types of ears from stalks making a larger than usual yield and will give unusual satisfaction. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$9.00.

Late Mammoth. Gigantic ears, of extra fine quality, produced in quantity. This is the latest maturing and largest of all sweet corns. The stalks frequently are 8 and 9 feet high. 25c. per lb.; 2 lb., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 50 lbs., \$8.50.



Little Gem or Shoe Peg (Ne Plus Ultra).

This variety is closely allied to Country Gentleman and resembles it so closely that it is difficult to separate the two. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 50 lbs., \$8.00.

Michell's Delicious.

The name hardly describes this sort. Some twenty years ago it was selected by an old-time Philadelphia gardener who bred it until he had it perfect. Ever since we acquired control thereof we have placed it with our best sugar corn grower in New England with instructions to grow it for us exclusively and keep reselecting it. The ears are well filled, medium in size and mature after the early varieties. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 50 lbs., \$8.00.

Stowell's Evergreen (Michell's Improved Strain).

The best late corn grown. The ears are extra large, and produced in great abundance; stalks often grow to a height of 7 feet. In sweetness it is unexcelled and for this reason it is the great favorite of the market gardener. Our strain has been reselected and represents not only a superior quality, but a most distinct advance in every way of this splendid variety. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 50 lbs., \$8.00.

POP CORN (Shelled)

There is hardly a home in this vast country, where the popping of corn is not considered an excellent pastime during the long, dreary evenings of winter. When popped, buttered and sugared it is not only delicious, but healthful.

Not all popcorn is in the right condition for popping. What we offer, however, can be relied upon for planting and popping.

Queen's Golden (Pops White). Lb., 15c.; 3 lbs., 40c.

White Rice. Lb., 15c.; 3 lbs., 40c.

CORN SALAD (Fetticus)

Mache Ronde (Fr.); **Ackersalat** (Ger.)

This is principally sown for a supply of greens during winter and early spring months. Sow in September broadcast; when cold weather approaches, cover it with a litter of leaves or long manure, and upon approach of spring the covering can be taken off entirely. It can be gathered on mild days during winter.

Large Seeded, Round Leaved. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; per lb., \$1.50.



Stowell's Evergreen



CUCUMBER

Concombre (Fr.); Gurken (Ger.); Cetriolo (Ital.). One ounce of seed will plant 60 hills; 2 to 3 pounds per acre.

Plant when the ground has become thoroughly warmed, in hills 4 feet apart each way, 8 seeds in a hill; when the second set of leaves have formed thin out to 4 plants. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Pyrox or Arsenate of Lead; when this is used always wash the fruits thoroughly before placing them on sale.

Davis' Perfect. This remarkably fine variety is suited for growing under glass as well as outdoors. The fruits are uniform in shape and size, measuring often 10 to 12 inches. Its color is dark green all over and it is quite smooth and very productive. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.10 per lb.

Evergreen. The name is derived from its dark green color-retaining qualities; fruit thick and measuring about 8 to 9 inches long. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.10 per lb.

Gherkin or Burr Cucumber. For pickling only; the small fruits are roundish long, about 2 inches; very prickly when green. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental, producing extra long, light green fruits in abundance. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

Jersey Pickle or Green Prolific. This sort can be used for slicing, but is best for pickling, on account of its size, which averages 5 inches; makes ideal "Dill Pickles" as sold extensively in the delicatessen stores. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.10 per lb.

Long Green Turkey. This is one of the large varieties, used principally for slicing. Its dark color makes it desirable for market. The vines are very vigorous and productive, the fruits are formed almost as early as the short sorts; they are firm, crisp and have a fine flavor. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.10 per lb.

White Spined (Michell's Arlington Improved). This cucumber is conceded to be absolutely perfect in form, color, size

and productiveness, and is therefore the leading sort for the market garden, and also with those who make a specialty of growing them under glass. The fruit is smooth, deep green to the tip and measures uniformly 8 inches in length. It has few seeds, making it a valuable variety for slicing or pickling. A splendid keeper, retaining its color remarkably; the seed we offer is an extra selection. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.



English Greenhouse Cucumbers

ENGLISH FORCING CUCUMBERS

These are splendid for growing in hotbed frames during the summer months, in preference to the open garden ground. They can thus be started earlier and protected during cool nights, as they are more tender than the regular variety; they may also be grown under glass in greenhouses during the winter. They produce fruits generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Per packet of 12 seeds of either of the 4 sorts above, 20c. each; \$2.00 per 100 seeds.

All seeds on this page mailed post free at quoted prices.

GARDEN CRESS (Pepper Grass)

Sow thickly in early spring in drills one foot apart, and follow every two weeks, up to August 1st, with a new sowing, as it quickly runs to seed. Its very desirable pungent taste is acceptable to most any one who is fond of garden greens. It is eaten prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

Extra Curled. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.

WATER CRESS

This desirable cress may be sown early in spring near the brink of a pond of spring water, or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, re-seeding itself.

True Erfurt. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.



Water Cress

Testimonials

Hastings, Neb.

All the seed I bought of you did well and gave the best of satisfaction, and your service cannot be excelled.

C. W. WINKLER.

St. Catharines, Ont., Can.

We bought some Asparagus roots from you four years ago. They have given great satisfaction. I enclose an order for more of the same quality.

McSLOY BROS.

MICHELL'S VEGETABLE SEEDS

All seeds offered on this page (not plants) mailed postpaid at quoted prices.

DANDELION

Pissenlit (Fr.); Loewenzahn (Ger.); Amargon (Ital.)

While this name applies to one of the most obnoxious of weeds, this variety is a valuable vegetable grown in quantities for the New England markets, where it is prized as the first spring greens. The leaves which are very fleshy, are boiled and served hot or cold; not alone is it appetizing, but very healthy and highly recommended by physicians. Seed should be sown in spring thickly in the garden, where the plants should remain for the season; late in the fall cover the bed with a movable sash, or leaves, or salt hay for protection. To be real tender it must be used very early in the spring, after which the bed should be destroyed, unless it is desired to make wine from the flowers. A new bed should be made each season.

Thick Leaved or Cabbaging. 85c. per oz.; $\frac{1}{4}$ lb., \$2.75; \$10.00 per lb.

DILL (Herb) Annual

Used extensively for culinary use and for putting with cucumbers when pickling, producing the famous "Dill Pickles." 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

EGG PLANT

Aubergine (Fr.); Eierpflanze (Ger.); Petonciano (Ital.)

One ounce will produce about 2000 plants

Sow seed in March in hotbeds and when 3 inches high transplant into small pots or otherwise. Plant outdoors in May or June, or after the weather has become permanently warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row.

SELECTED NEW JERSEY GROWN SEED

Black Beauty. An extra early, large variety; almost black in color; very prolific and with few seeds. 50c. oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

Michell's New York Improved. An old standard; quite large and more elongated than the Black Beauty; of a rich purple color. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

EGG PLANT PLANTS

(Ready May 15th)

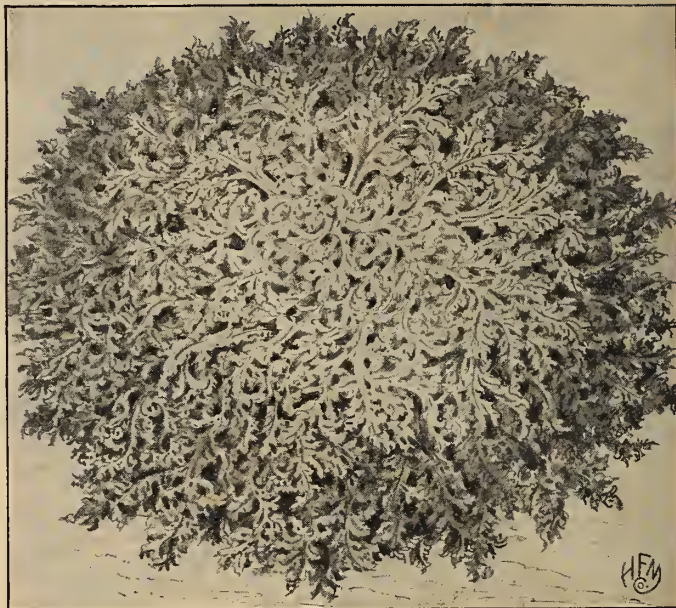
New York Improved and Black Beauty. Pot grown at our own nurseries. Per doz., 75c.; \$6.00 per 100.

FENNEL (Herb)

10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

HERBS (Garden and Medicinal).

(See page 57.)



Michell's Giant Fringed Endive

ENDIVE

(Sometimes called Chicory)

Chicoree (Fr.); Endivien (Ger.); Indivia (Ital.)

One ounce will sow a row 200 feet.

Sow from June to August in shallow drills and when 2 inches high thin out so the plants stand 10 inches apart. When fairly well developed tie the plants together at the top with twine, but do this at a time when the leaves are dry; this is called the blanching process. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they must be lifted late in the autumn, placed in a dry, cool cellar, covering the roots with soil.

Broad-Leaved Batavian (Escarolle).

Leaves broad, light green, nearly plain. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

Giant Fringed (Oyster Endive). A variety with a large white heart and broad leaves; heads measure 15 inches in diameter. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

Improved Green Curled. An improvement over the common green variety, producing a larger head and more leaves. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

White Curled (Self-blanching). This is the finest White Curled variety; always crisp and tender. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

GARLIC SETS

Ail (Fr.); Knoblauch (Ger.); Aglio (Ital.)

A hardy flavoring onion, used extensively in the French method of cooking. This variety should not be compared with the common field sort, as this produces large bulbs. Plant and harvest the same as onions. These always find a ready sale in the market. Per lb., 45c.; \$2.10 per 5 lbs.

HOP VINE

Besides being used in culinary and medicinal ways, this makes a valuable shade plant, placed on arbors, trellises, etc. It is hardy and rarely winter kills. The hops are gathered about September and stored for use on a dry floor or hung in bags.

Green Variety. Doz., \$1.75; \$12.50 per 100.



Black Beauty Egg Plant

HORSERADISH ROOTS

Raifort (Fr.); Meerttig (Ger.); Raffano (Ital.) (Ready in Mar.)

Set the roots in spring in rows six inches apart, about the same distance apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, place them in a cool cellar covered with soil or sand, and market as required. A bed once planted remains for years.

Maliner Kren (Bohemian).

Quick-growing variety; the very best horse-radish grown. Large, strong cuttings. \$1.25 per 100 (Postpaid, \$1.35); \$10.00 per 1000.



Maliner Kren Horseradish

ALL PRICES SUBJECT TO MARKET CHANGES

oh

ALL SEEDS OFFERED ON THIS PAGE MAILED POSTPAID AT PRICES QUOTED

KALE OR BORECOLE

Chou Vert (Fr.); Grun Kohl (Ger.); Cavolo Verde (Ital.)
One ounce will sow a drill 150 ft. long; 3 lbs. will sow an acre.

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for winter and early spring use.

Dwarf Green Curled. This variety is very compact growing, rarely attaining a height of over 6 inches. The color is dark green, very curly. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Imperial Long Standing. The leaves are very crimp and of a dark green color. It stands quite tall and is an excellent producer. It is just as hardy as any of the other sorts, and will be found very profitable where quantity as well as quality is desired. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.50.

KOHL-RABI

Chou Rave (Fr.); Kohl-Rabi (Ger.); Cavolo rapa (Ital.)
One ounce will produce about 2500 plants.

It is regrettable that this splendid vegetable is not more widely used. We would suggest to those who have not given it a trial that they do so. Sow seed in early spring in hotbeds or outdoors and transplant when 3 inches high, in rows 18 inches apart, 6 inches in the row. The edible part is the bulb or root, which grows above the ground; this should be used when it attains a size of $2\frac{1}{2}$ inches in diameter or less; at this stage it is extremely tender and delicious, while if allowed to get larger it is woody. Prepared and served like turnips, except that a few of the bottom leaves can be cooked with the root. Offer this to your trade and they will appreciate it.

Blue or Purple Vienna. The flesh is white, with a bluish skin. Principally used for outdoor sowing. 20c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

Early White Vienna. This variety is suited for sowing under glass and for outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. 20c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.



Kohl-Rabi

London Flag. Popular for the market garden; makes a longer but narrower stalk than others. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.25 per lb.

MANGEL-WURZEL (See Page 47)

MARTYNIA (Unicorn Plant)

A bushy plant growing 2 feet in height, bearing clusters of pink flowers resembling gloxinias, which afterwards turn to long green pods, which when picked may be pickled the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant so the plants stand 2 feet apart each way.

Proboscidea. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

LAVENDER (Herb)

Pkt., 10c.; 30c. per $\frac{1}{2}$ oz.; oz., 50c.; \$1.35 per $\frac{1}{4}$ lb.; lb., \$5.00.

MINT (Herb). 20c. per pkt.

MINT PLANTS

Spearmint. \$1.25 per doz.; 100, \$9.00. | **Peppermint.** \$1.25 per doz.; 100, \$9.00.

See pages 28 and 29 for Michell's Vegetable Seed Specialties



Giant Carentan Leek

MICHELL'S CHOICE STRAINS OF LETTUCE

Laitue (Fr.); Lattich Garten Salat (Ger.); Lattuga (Ital.).
One ounce of seed will produce about 2500 plants.

NOTE.—All seed offered on this page mailed postpaid at prices quoted.

HEADING VARIETIES

All Heart. An excellent lettuce for either spring or summer use. The head, while large, has a loose heart, which is of a decided buttery flavor; can be used for sowing in frames or in spring and early summer, outdoors. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

All Right. (Michell's.) This is not a variety for forcing, but rather for an early spring crop in the hotbed or outdoors, and for sowing in August for late autumn under sash or outside, where it is not affected by cold, which with some sorts, turns them brown. On the other hand, this variety retains a rich green color. The heads are very large, often 12 inches in diameter; very solid and with a rich buttery heart of light yellow. Don't use this variety for a summer crop. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

Big Boston. A large, flat, cabbage-headed variety; splendid for midsummer or fall use or under glass in the early spring and autumn; a delightful shade of light green, tinged light brown on the outer leaves. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Big Boston (Davey's Improved). Superior in every way to the usual strain of Big Boston. The heads are larger, more solid and of better flavor; excellent for under glass. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.00 per lb.

Boston Market (White Seeded Tennisball). Early small heading variety; one of the best for forcing; the heart is very solid and crisp. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

Dutch Butter (Private Stock). A medium-sized head; light green leaves, with delicate yellow heart. The outer leaves are tinged brown on the edges. Suitable for forcing or outdoor planting. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.



Davey's Improved Big Boston Lettuce

New York, or Wonderful. This variety is also referred to as Los Angeles Lettuce, because it is shipped in such large quantities from that district to the Philadelphia and other Eastern markets; from one growing point and shipping station alone during one winter over 70 carloads were shipped to New York City. This is the lettuce that has for the past few years been in great demand, especially during the late winter and early spring months; its gigantic heads when the outer leaves are removed are almost white; very solid and as it grows in California apparently is without any trace of bitter taste. We experimented during the past summer with several varieties to determine definitely what this California variety was and found it to be as above offered. It does best in the latitude of Philadelphia as an early spring and a late autumn crop; while not quite as fine as it grows in California it is, nevertheless, lettuce which deserves greater recognition than it has heretofore received. Every market gardener should grow a quantity of it as it will find a ready sale, being already popularized by reason of its wide distribution during the past few years. We offer an unusually fine strain of seed, selected from specimen heads. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.



New York, or Wonderful Lettuce

Hanson Improved. Tremendous solid heads; the outer leaves are curled; the interior is almost white and very tender; stands the heat well, therefore excellent for summer use; this produces probably the heaviest head of any variety. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

May King. The first solid head lettuce to mature outdoors, hence its name; it is of good size with tender, full heart; outside leaves tinged golden brown. Suitable for sowing under sash in early spring. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

Michell's Number One. This lettuce is a positive header under most trying conditions. It is tender, of a decided buttery flavor, and unusually large. A valuable type for hot weather; also desirable for autumn use. Will command twice the price of other sorts. Should not be used for forcing. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.



Michell's Number One Lettuce

HEADING VARIETIES (Continued)

Prize Head. A splendid loosely-formed head, claimed to do well where all others fail; desirable for outdoor planting only; has a dark tinge on the outer leaves; good for spring and summer use. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

Salamander (Mammoth). One of the best midsummer varieties, resisting heat and drought and remains in heading condition longer than many others. The heads are enormous, a fresh green color; loose leaves can all be used, as they are brittle and tender. This strain is an improvement on the usual form. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Wayahead. The earliest hardheaded lettuce in cultivations, doing well either under glass or in the open in spring or autumn. The heart is a golden buttery color, and of delicious flavor. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

LOOSE LEAF OR CUTTING VARIETIES

For early or midsummer use, seed should be sown very thickly. When pulling the young plants try to do so with an effort to thin out the bed, thus allowing the remaining plants to become large. This class is always tender and is preferred by many to the heading varieties. The loose leaved lettuces with the exception of Grand Rapids can hardly be regarded as suitable varieties for the market.

Black Seeded Simpson. Ideal for midsummer use, as it withstands the most trying conditions of heat and drought. When matured, presents a formidable loose head with finely fringed leaves. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Grand Rapids (Special Strain). The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle, and have a palatable flavor. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Silesian. This variety should be cut instead of pulled, as it makes new growth from the same root. A light green color, and when given plenty of room will form a large loose head. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.



Lettuce—Kingsholm Cos

All Seeds on this page mailed at prices quoted.



Prize Head Lettuce

COS, ROMAINE, OR CELERY LETTUCE

Of French origin, this type, as will be seen by the illustration, differs greatly from the American varieties by its peculiar upright growth; it also has a decided flavor. To have it real tender the heads must be tied together at the top so that the inner leaves blanch. It is best adapted to outdoor planting and stands the heat well. When thinning out remember that they require less room than the regular heading varieties. The Romaine lettuces sell readily to most all trade and should be grown more generally by market gardeners.

Kingsholm Cos. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib; the heads are very full throughout and therefore contain more edible part. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

LETTUCE PLANTS

We can supply these during April and May only, in the leading heading varieties. 50c. per 100 (postpaid, 60c.); \$4.00 per 1000.

Shelter Island Heights, N. Y.

I would like to let you know that your Romaine Lettuce is the finest we have ever grown.

Mrs. J. F. B.

West Chester, Pa.

The seeds I bought of you last year were the best I ever planted, and the quality and quantity they produced could not be excelled. I set out a lot of Sweet Potato plants from you and did not lose one.

GEORGE M. TRIMBLE.

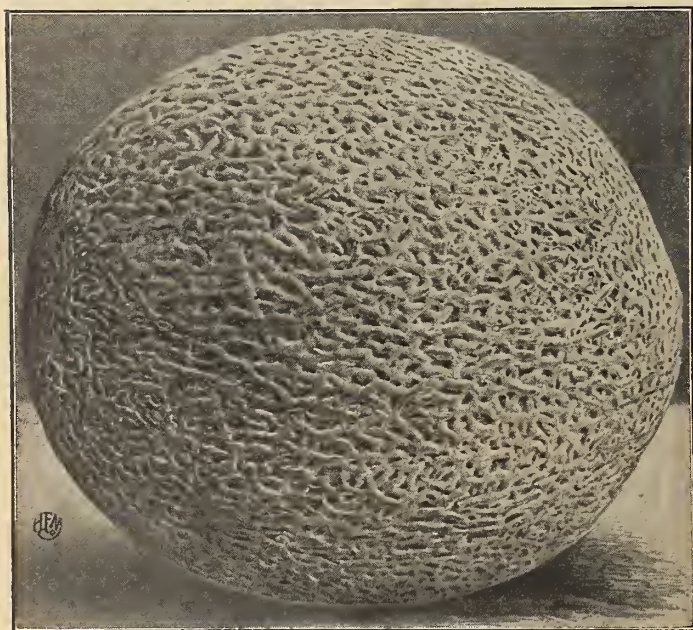
FOR NOVELTIES AND SPECIALTIES IN VEGETABLE SEEDS SEE PAGES 28 AND 29

MICHELL'S MUSKMELON OR CANTALOUPE

Melon Muscade (Fr.); Melone (Ger.); Popone Melone (Ital.)
One ounce will plant about 50 hills; 2½ lbs. are required for an acre.

While these reach their greatest perfection in a light, sandy loam, any good well-prepared garden soil suits them. Plant when the ground has become permanently warm in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves have formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with "Black Leaf 40," Pyrox, Arsenate of Lead, or some of the various Nikoteen preparations. When the vines have made a good start, they are not bothered much with insects thereafter.

NOTE.—All seeds offered on this page mailed postpaid at prices quoted.



Delicious Gold Lined Melon

Delicious Gold Lined. See illustration. Flesh thick, fine-grained and sweet; color green, with a gold margin next the seed cavity; slightly oval and heavily netted. A variety which every melon planter should not overlook to grow. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

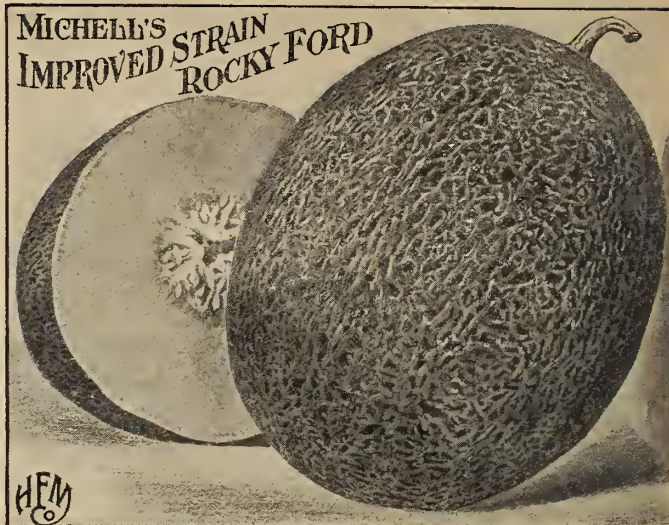
Emerald Gem. Among the standard varieties this has long been a leader. The flesh, which is thicker than any other melon of the same shape, is a rich salmon shade and ripens extremely close to the rind. It is exceedingly sweet and one of the best flat market melons. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

Fordhook. This is claimed to be one of the best melons ever introduced. Shape like Emerald Gem, on which it is claimed to be an improvement. The flesh is a beautiful salmon orange, surprisingly sweet. The fruits are very large, often weighing 2 lbs. each; is an early variety, and always prolific. The netted rind is very thin and can be eaten very closely. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

Honey Dew. This might easily be termed a family melon because one is large enough for a number of people. In size, 6 inches in diameter and from 7 to 8 inches long. The skin is smooth, with an occasional net, and creamy white. The thick flesh is emerald green, melting and of a wonderfully delicious flavor, sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. In fact, they can be placed in cool storage and kept until Christmas. 20c. per oz.; ¼ lb., 60c.; \$2.00 per lb.

Jenny Lind. A small, flat, very early sort, heavily netted and ribbed; green flesh; a good variety to plant for the first picking. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

Mitchell's Delicious. This deservedly enjoys a good name, it is one of the large irregular pumpkin-shaped melons with a smooth silver-gray rind. The flesh is very deep orange-salmon. 85c. per oz.; ¼ lb., \$2.75; \$10.00 per lb.



Mitchell's (Improved Strain) Rockyford. The outside is a light green, well-netted, changing to a grayish color; flesh, light green. It is mostly all meat, with a very small seed cavity, and often weighs a pound and one-half to the fruit. Fine for market garden. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

FORCING MELONS

(English Varieties)

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers. **Blenheim Orange, Invincible-Scarlet, Windsor Castle.** Each per pkt., 25c.

Sutton's A1. In original packets, \$1.00 per pkt.

MELON NETS. For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.00 per doz.; per 100, \$12.50.

MUSTARD

One ounce will sow a row 75 feet long. It makes a delicious green salad, pungent in taste, highly palatable and healthy. Sow every two weeks in rows the same as spinach. It must be used while young, as only then is it tender and mild. Fine winter greens if sown in a heated frame or greenhouse; also fine if served with lettuce for flavoring. The seed can be harvested if the plant is allowed to stand and used for other culinary purposes.

Southern Giant Curled.

Highly esteemed in the South for the market as well the home garden; leaves light green, tinged with yellow, and crimped and frilled at the edges. 10c. per oz.; ¼ lb., 20c.; 65c. per lb.

White or Yellow. 10c. per oz.; ¼ lb., 20c.; 65c. per lb.



Mustard—Southern Giant Curled

Testimonial

Richboro, Pa.

We gave your "Delicious" Muskmelon a trial last year and were quite successful with it. Some of the fruits weighed 12 lbs. each.

BENSON BROS.



Melon d'eau (Fr.); Wasser Melone (Ger.); Cocomero (Ital.).

One Ounce will plant 30 Hills, Four Pounds for an Acre.

Plant in hills 10 feet apart each way or in drills 10 feet apart, dropping one seed every 3 feet. A little land plaster dusted over the young plants will keep beetles away. Watermelons require planting after the soil has become thoroughly warm, say about May 10th in the latitude of Philadelphia. Our list of watermelons is limited, as we offer only the varieties which from experience are the better ones. Note—Watermelon seed sent postpaid at prices quoted.

Dixie. 'Tis one of the old-time favorites; roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet; ripens close to the rind. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Halbert Honey. An ideal family garden or market melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green, while the flesh is a rich crimson. It tastes like a sugar stick, as it melts under the pressure of the tongue. It is very prolific and is altogether a first-rater. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Kleckley Sweets. A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind sets too close to the ripe fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Our strain is grown from the originator's seed stock and we can recommend it highly. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Tom Watson. A very handsome large fruit, frequently 2 feet long and 12 inches in diameter. The dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor; the sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities. The rind being tough, it will resist plenty of abuse. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

PRESERVING MELON, OR CITRON

A large-fruited variety; pure white flesh and thin rind. This is expensive when bought, yet can be preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon.

California Red Seeded. 10c. per oz.; 30c. $\frac{1}{4}$ lb.; 85c. per lb.

MANGEL-WURZEL OR CATTLE BEETS

If wanted by mail allow
8c. per lb. for postage.

Seed selected from specimen roots.

Sow 5 lbs. per acre in April and May in thoroughly plowed, well manured soil, in drills 2 inches deep, about 24 inches apart. Thin out to stand 12 inches apart and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels.



Mitchell's Mammoth Long Red and Golden Tankard Mangels

Golden Tankard. The best long yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.; 5 lbs., \$2.25.

Lane's Improved White Sugar. This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb., 5 lbs., \$2.25.

Mammoth Long Red. This is an enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. It is the best long red mangel. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.; 5 lbs., \$2.25.

Red Globe. An excellent sort; very prolific; good for late planting. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.; 5 lbs., \$2.25.

Yellow Globe. Contains a large amount of sugar properties, and can be used for replanting quite late. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.; 5 lbs., \$2.25.

Note.—If mangel-wurzel is desired by parcel post, please allow 8c. per pound for mailing charges.



OKRA OR GUMBO

Gomband (Fr.); Essbarer Hibiscus (Ger.); Ibisco (Ital.)

One ounce will plant a row about 200 ft. long; 1 lb. required for 3000 ft. row.

The seed is sown in rows 3 ft. apart thickly like peas (in ground that is rich) after the frost and cold have disappeared; when about 6 inches high thin out to stand 6 inches apart in the row. The pod is used when young and tender sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices and dried in the sun; after being cured in this way it should be put on the pantry shelf for use during the winter.



Perkins' Long Pod (Improved Strain). A wonderful dwarf type, setting pods when only a foot high. It can be planted somewhat earlier than other sorts. The pods are exceedingly long and tender and of a dark green color. We have discarded the old-fashioned Dwarf Green type in favor of this one which is really the best Okra in cultivation. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.; 5 lbs. for \$2.75.

White Velvet or Creole. The pods of this variety are very free from ridges, being almost perfectly smooth; they are tender and very light

green, almost white in color. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.; 5 lbs., \$2.75.

Prices quoted for Okra are postpaid

Testimonial

Am sending you this small order in advance of your catalogue. Your seeds, bulbs and everything I had from you are excellent. None better.

Danville, Va.

J. C. BOGART.

MICHELL'S "SUPERIOR" MUSHROOM SPAWN

If wanted by mail allow for postage at the rate of 10c. per brick.

Mushrooms can be grown in a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture, which also describes, further, these different spawns. 1 Brick will spawn 8 to 10 sq. ft.

BRANDYWINE PURE CULTURE SPAWN

Entirely new strain, originating in the section of Pennsylvania that supplies New York and Eastern markets with mushrooms.

Per Brick	\$0.30	Per 25 Bricks	\$5.00
Per 5 Bricks	1.25	Per 50 Bricks	10.00
Per 10 Bricks	2.10	Per 100 Bricks	18.00
Per 1000 Bricks	\$170.00		

AMERICAN SPORE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time.

Direct No. 8. Cream White. For use from April to October.

Direct No. 9. Pure White. For use from October to April.

Per Brick	\$0.30	Per 25 Bricks	\$5.00
Per 5 Bricks	1.25	Per 50 Bricks	10.00
Per 10 Bricks	2.10	Per 100 Bricks	19.00
Per 1000 Bricks	\$185.00		



MUSHROOM OR HOTBED THERMOMETERS

Heavy Galvanized Iron Point

Brass Point Wood Case Paper Scale

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.



ONION SETS

One quart will plant a row about 50 feet; about 8 bushels will plant an acre.

Plant just as soon as the ground can be worked. Press the bulb in the ground lightly (and do not cover), in rows 12 inches apart, 2 inches apart in the row; so that all the development goes in the onion, on signs of their going to seed, bend the top over, but do not break it off. They can be harvested in the locality of Philadelphia for winter storage as early as July 10th. The advantage in planting onion sets lies in the fact that the young onion is ready in 5 weeks from the time of planting, while those grown from seed cannot be used until well in the autumn.

Shipped on Local Orders about March 10, unless otherwise requested.

By mail add 5c. per pint and 10c. per quart for postage.

Yellow.....	White Multiplier.....
White.....	Potato Onions.....
Red.....	Shallots.....

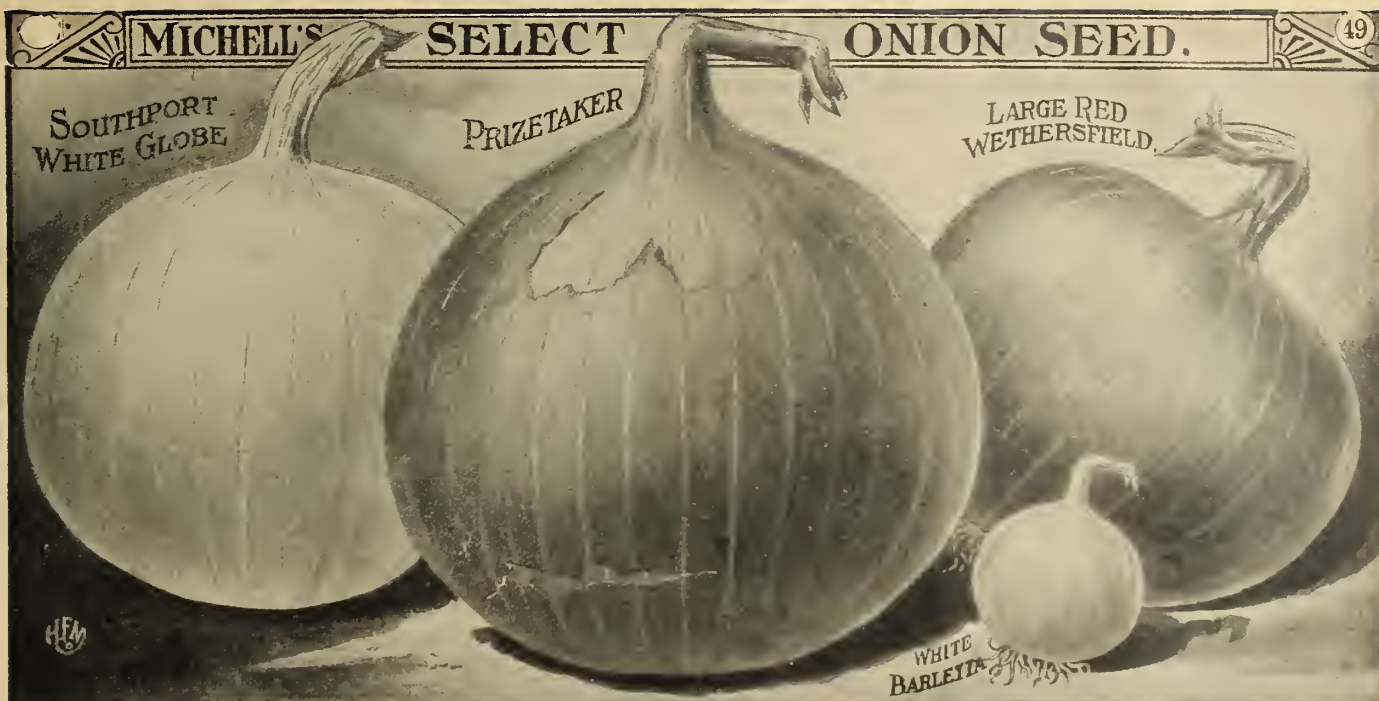
Tree or Top Onions. Can be supplied in September and October.

Garlic Sets. 45c. per lb.; 5 lbs., \$2.10.

We give 32 lbs. per bushel on Onion Sets, except Tree or Top Onions which are sold on basis of 28 lbs. per bushel.

Onion Seed See next page.

Prices change constantly. Prices for onion sets will be established about February 1st, 1921.



Ognon (Fr.); Zwiebel (Ger.); Cipolla (Ital.)

NOTE.—All seeds offered on this page mailed postpaid at quoted prices.

For full size onions, one ounce will sow a 100-ft. row; 5 to 6 pounds per acre. If it is desired to grow onion sets, sow 25 to 30 pounds per acre.

Sow in the early spring in rows 2 feet or less apart, according to cultivation methods employed. The seed should be firmed in the soil. If it is desired to grow full size onions the first year, thin out when 3 inches high, so that they stand about 2 or 3 inches apart. White onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

Ailsa Craig. The largest of all onions, often weighing three lbs. and over, each. In England it is the foremost variety, and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. To obtain best results sow seeds in the hotbed and later transplant it where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. 50c. per oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

Bermuda White. An early variety producing an immense flat partially globe-shaped bulb, producing (when transplanted about 4 inches apart) gigantic onions the first season. In the raw state it is very mild, while when cooked, the flesh is tender and of a delicious flavor. For slicing it is one of the best. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Danver's Yellow Globe. This almost round shaped onion is extensively sown by the market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.; 5 lbs., \$10.50.

Giant Gibraltar. While not a new variety it is a splendid sort. It grows to a mammoth size, some claim it to be even larger than Ailsa Craig under the same growing conditions. It is a light straw-yellow color; in shape not quite so globular as the former. It is rather mild in flavor and a splendid keeper. Crop practically failed, though if we receive any seed from our growers we shall be pleased to take care of any order for it.

Large Red Wethersfield. A flat, large-growing variety. Red onions are excellent winter keepers; flavor much like the yellow sorts; full size onions can be grown in one season. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.; 5 lbs., \$12.00.

Prizetaker. A mammoth yellow variety; if sown thinly it produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs., and more. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.; 5 lbs., \$12.00.

Southport Yellow Globe. Similar to the Danvers except larger in size; more like the Prizetaker. This is one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light straw colored skin. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.; 5 lbs., \$12.00.

Southport White Globe. A beautiful type of an almost round onion, growing to enormous size. This is perhaps the best onion of all for family use. The flesh when cooked is of a rich milky color, of tender and delicious flavor, and in the raw state, it is one of the mildest. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.; 5 lbs., \$13.75.

White Barletta. An extra early, small round variety, used principally for pickling. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Winter Keeper. A new round-shaped, yellow variety of good size; a wonderful keeper, lasting well into the summer. For market purposes it should prove to be a winner. We have only a limited quantity to offer. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.; 5 lbs., \$13.75.

White or Silver Skin. The standard white onion for market use; of very mild flavor; semi-globe shaped and very uniform in growth and size. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.75 per lb.; 5 lbs., \$13.00.

Yellow Strasburg (or Dutch). A dark straw color skinned sort, almost flat in shape; but a large onion. Its fine keeping qualities recommend it to the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. 15c. per oz.; $\frac{1}{4}$ lb., 15c.; \$1.50 per lb.; 5 lbs., \$7.00.



Our onion sets are grown from choice seed, and are unusually fine. See list on page 48.

ONION CULTURE, a good book by a Practical Grower, 80c. per copy.

BOOKS ON GARDENING

The profits of gardening are materially increased with the aid of a good book on the subject. On page 160 of our retail catalog is offered a comprehensive list covering almost every phase of gardening. Add a few copies to your library. Retail Seed Catalog mailed on request.

All seeds offered on this page sent postpaid at quoted prices.

PARSLEY

Persil (Fr.); Petersilie (Ger.); Prezzerolo (Ital.).
One ounce will sow a row 100 ft. long.

The seed should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter outdoors if given a heavy covering of long manure.

Champion Moss Curled. Beautifully crimped and curled. It can be cut the year round. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Double Curled or Covent Garden. A great improvement over all other varieties; a nicely curled leaf which has a tendency to retain its deep green color the entire season; the best variety for the market garden. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.; 5 lbs., \$5.50.

Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 90c. per lb.; 5 lbs., \$4.25.

PARSLEY PLANTS (Ready in April)

Large specimens; pot-grown, ready for use. 75c. per doz.; per 100, \$6.00.

PARSNIP

Panais (Fr.); Pastinake (Ger.); Pastinaca (Ital.).
One ounce will sow a row 150 feet long; 5 lbs. per acre.

Sow early in the spring in drills about 24 inches apart, covering the seed slightly; when the plants are 2 or 3 inches high, thin out so the roots will develop; cultivate well during the growing season.

Improved Sugar or Hollow Crown. A very thick, broad-topped root, which makes it lift easily. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white. It yields enormous crops. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50.



Covent Garden Double Curled Parsley

PEPPER

Piment (Fr.); Pfeffer (Ger.); Poperone (Ital.).
One ounce produces 1200 plants.

Sow the seed in a hotbed about March 1st. Transplant to the open when all danger from frost is over. Plant in rows 3 feet apart, 15 inches apart in the row.

Bell or Bull Nose (Sweet). Very thick flesh, perfectly mild and a great producer. The large fruits are green, turning to vivid scarlet; fine for slicing or stuffed as mangoes. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

Cayenne. A long red variety; very hot and used principally for bunching with pot herbs. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Chinese Giant. A monster pepper; perfectly sweet, green fruit, turning to bright scarlet; matures very late; a very shy seeder. Fine for stuffed mangoes. 60c. per oz.; $\frac{1}{4}$ lb., \$2.00; \$7.50 per lb.

Golden Dawn. A large yellow variety, shaped like the Chinese Giant; very sweet. 35c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.

Pimiento. A splendid, uniformly shaped, sweet variety. Green fruit, changing to red when fully ripe. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

Ruby King. A large red variety resembling Bull Nose. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

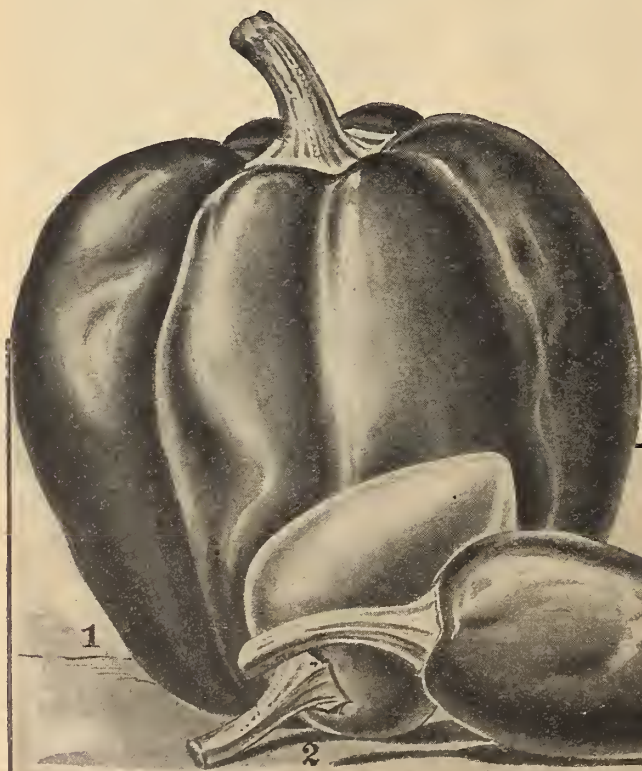
Ruby Giant. Very large; adapted for stuffing; mild flavor; large green fruits turning vivid scarlet. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

World Beater. This appears to be identical with Ruby Giant, or is so similar that it might be termed a slight improvement. Choice seed grown in New Jersey. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

PEPPER PLANTS (Ready in May)

Pot Grown Plants. 75c. per doz.; per 100, \$6.00.

Hotbed Grown. 20c. per doz.; per 100, \$1.00; \$7.00 per 1000.



PEPPERS. 1—Chinese Giant. 2—Pimiento. 3—Cayenne.

Pois (Fr.); Erbsen (Ger.); Pisello (Ital.)

2 lbs. will plant 100 ft. of row; one hundred to one hundred and twenty lbs. will plant an acre.

If peas are wanted by mail, allow for postage

The smooth seeded varieties can be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warmer. The distance for planting apart depends somewhat on the variety. To have a continuous crop, sow weekly up to June 15th, and again about August 15th. For the last planting, 60 days before frost, using the dwarf early varieties.

EXTRA EARLY VARIETIES

Alaska. Smooth seeded, very early; height, 2½ feet. 30c. per lb.; 2 lbs., 55c.; \$1.20 for 5 lbs.; 10 lbs., \$2.20; \$5.00 for 25 lbs.; 100 lbs., \$18.00.

Ameer. A very large podded early variety, following the Alaska; a heavy cropper of dark green pods; height 3 feet. 35c. per lb.; 2 lbs., 60c.; \$1.30 per 5 lbs.; 10 lbs., \$2.40; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Dandy Extra Early. This is a selection of the Eureka, but will be found far superior; smooth seeded, very prolific and desirable for the market garden; height 24 inches. 30c. per lb.; 2 lbs., 55c.; \$1.20 for 5 lbs.; 10 lbs., \$2.20; \$5.00 for 25 lbs.; 100 lbs., \$18.00.

Early June. A green seeded smooth pea, desirable for first planting, an improvement on Alaska; height, 2½ feet, 30c. per lb.; 2 lbs., 55c.; \$1.20 for 5 lbs.; 10 lbs., \$2.20; \$5.00 for 25 lbs.; 100 lbs., \$18.00.

Early Morn. One of the earliest of wrinkled peas, earlier and better, it is claimed, than Gradus or Thos. Laxton. The pods are large and well filled, mature in 60 days; very prolific. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

Gradus or Prosperity. Never was there a pea offered which is so greatly demanded as this very early sort. It is exceedingly luscious, wrinkled and a producer of gigantic pods and peas; heights, 36 inches. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

Little Marvel. Wrinkled, dwarf, 18 to 20 inches, prolific and sweet. 40c. per lb.; 2 lbs., 70c.; \$1.70 per 5 lbs.; 10 lbs., \$3.20; \$7.50 for 25 lbs.; 100 lbs., \$26.00.

MicHELL's Special Extra Early. Of the smooth seeded sorts this is the peer. Extremely early, lusciously sweet, and very tender; a great yielder; height, 24 inches. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

Nott's Excelsior (Improved Strain). A splendid early wrinkled pea, producing heavy crops of full pods very early. One of the leading varieties for the market garden. Height, 15 inches. 35c. per lb.; 2 lbs., 65c.; \$1.40 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 100 lbs., \$22.00.

Sutton's Excelsior. This wrinkled variety is quite hardy and can be planted earlier than most other wrinkled sorts; very early. It grows about 16 inches high and produces a long broad pod, well filled; it follows the extra early sorts and is a great producer. 40c. per lb.; 2 lbs., 70c.; \$1.60 per 5 lbs.; 10 lbs., \$3.00; \$7.00 per 25 lbs.; 100 lbs., \$26.00.

The Pilot or Leader. The earliest of round seeded varieties. The pods and peas are nearly as large as those of Gradus. It can be planted, of course, much earlier. The vines are of vigorous growth, 3 feet high and produce an abundance of pods. The peas are of finest flavor. 35c. per lb.; 2 lbs., 65c.; \$1.40 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 100 lbs., \$22.00.

Thos. Laxton. On a par with Gradus in quality, heavy producer, wrinkled, exceedingly early. The pods are large and filled to the tip with large peas of excellent flavor. Its strong vine and heavy cropping qualities make it very suitable for an early crop in the market garden; height, 36 inches. 35c. per lb.; 2 lb., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

NOTE.—On account of unusual conditions still prevailing at the time of printing this catalog all prices are subject to change.

SECOND EARLY VARIETIES

Bliss Abundance. Produces very large pods containing six and more peas of a delicious flavor; a great yielder; wrinkled; height, 20 inches. 30c. per lb.; 2 lbs., 55c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

Daisy or Dwarf Telephone. One of the best medium early sorts, bearing heavy pods in great abundance; wrinkled and very sweet; height, 18 inches. 40c. per lb.; 2 lbs., 70c.; \$1.70 per 5 lbs.; 10 lbs., \$3.20; \$7.50 per 25 lbs.; 100 lbs., \$27.50.

Long Island Mammoth. Largely in use among private and market gardeners; it yields handsome large peas, very tender; height, 3½ feet. 35c. per lb.; 2 lbs., 65c.; \$1.40 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 100 lbs., \$22.00.

Potlatch. A wrinkled variety, similar to Daisy; very sweet; produces pods well filled with peas. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

Yankee Prince. A large podded wrinkled sort; heavy yielder; pods often measure 6 inches in length, and well filled with large peas of delicious flavor; height, 4 feet. 35c. per lb.; 2 lbs., 65c.; \$1.40 per 5 lbs.; 10 lbs., \$2.50; \$6.00 per 25 lbs.; 100 lbs., \$22.00.



Pea
Thos. Laxton

LATER CROP VARIETIES

Champion of England. A very tall rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height 5 feet. 30c. per lb.; 2 lbs., 55c.; \$1.30 per 5 lbs.; 10 lbs., \$2.40; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Dwarf Champion. Possesses most all of the good qualities of the famous Champion of England and has the further advantage of being dwarf; a very delicious pea which should be planted extensively; height, 2 feet. 30c. per lb.; 2 lbs., 55c.; \$1.30 per 5 lbs.; 10 lbs., \$2.40; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Telephone (Tall). The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. 40c. per lb.; 2 lbs., 70c.; \$1.60 per 5 lbs.; 10 lbs., \$3.00; \$7.00 per 25 lbs.; 100 lbs., \$26.00.

SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. They are cooked with the peas intact; very tender and exceedingly sweet. We do not recommend this as a market variety.

Dwarf Gray Sugar. Gray seed; height 2 feet. 30c. per lb.; 2 lbs., 55c.; \$1.30 per 5 lbs.; 10 lbs., \$2.40; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Tall Melting Sugar. Height, 4 feet. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

MULFORD GERM FOR PEAS

This is a bacteria designed to make legumes to which family of plants peas belong, more prolific in growth and production; also increasing the fertility of the soil in which they are planted. Give it a trial. Per ¼ acre bottle, 75c.; \$1.50 per acre bottle; 5 acre bottle, \$5.00.

STANDARD INOCULATING BACTERIA

For increasing the yield of all legumes; please mention crop for which culture is desired, when ordering. Price, Garden size, 50c.; 75c. per one acre size.

MICHELL'S MAINE-GROWN SEED POTATOES

Our Potatoes are Grown Expressly for Seed Purposes in the Best Districts of Maine
Pomme de Terre (Fr.); Kartoffel (Ger.); Patata (Ital.)

Plant 12 to 14
Bushels per Acre



TIME OF SHIPMENT.—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship them at customer's risk any time during cold weather.

Our potatoes are put up in barrel sacks of 165 lbs. each. Shipment in barrels can be made at a cost of 75c. each for barrels.

Beats Them All (Michell's). This famous variety has given the best results wherever tried, yielding more than any other early potato; quality fine; extremely early, coming in about one week or ten days earlier than Early Rose. Oblong in shape.

Bliss Triumph or Red Bliss. A very early thin-skinned variety; they are frequently offered as Southern or Bermuda grown.

Dibble's Russet. A splendid late variety; medium size, flat and roundish in shape; quite immune to attacks of blight, etc.

Early Rose (Houlton or Maine). A leading variety for earliness, quality and productiveness; pink skin; oblong shape.

Gold Coin. Late roundish-flat variety; a heavy yielder; large.

Green Mountain. General crop variety; white; roundish flat.

Irish Cobbler. One of the earliest varieties; a splendid sort; almost round in shape; heavy producer.

Jersey Redskin. For late planting in July, doing especially well in light sandy soil.

State of Maine. An old favorite, grown by every gardener; good keeper; flat in shape.

REGARDING POTATO PRICES

At the time of printing this catalog prices for potatoes could not be anticipated. We can, however, assure our customers that we will fill their orders at a reasonable price for first-class quality. Please do not compare Maine-grown Seed Potatoes, which we handle exclusively, with New York State grown stock.

There are more varieties of Seed Potatoes than those we offer, but those listed here are tried and proved.

HYBRIDIZED POTATO SEED

This seed will produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value. This is worth trying. Pkt., 10c.

SWEET POTATO PLANTS (Ready in May)

Red Nansemond }
Yellow Nansemond } Price on Application.

Sweet Potato plants are shipped at buyer's risk and not less than 100 of a variety can be supplied.

Please note that we cannot furnish tubers of seed Sweet Potatoes.

CONCAVE POTATO KNIVES

For cutting out the eyes of seed potatoes prior to planting. Made of the best steel with concave blade. 30c. each; (postpaid, 35c.).

POTATO SCAB DESTROYER (A Formaldehyde)

Dilute 1 quart in 25 gallons of water and soak the seed potatoes in this solution for 2 hours before cutting. They should then be taken out and dried; 25 gallons treating liquid is sufficient for approximately 15 bushels of potatoes. Price: 80c. per pint (cannot be sent parcel post).

PEANUTS

Arachide (Fr.); Erdnuss (Ger.); Cece de terra (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. 30c. per lb.; 5 lbs., \$1.25.

PENNYROYAL (Herb)

Pkt., 10c.; 30c. per ½ oz.; per oz., 50c.; \$1.35 per ¼ lb.; lb., \$5.00.

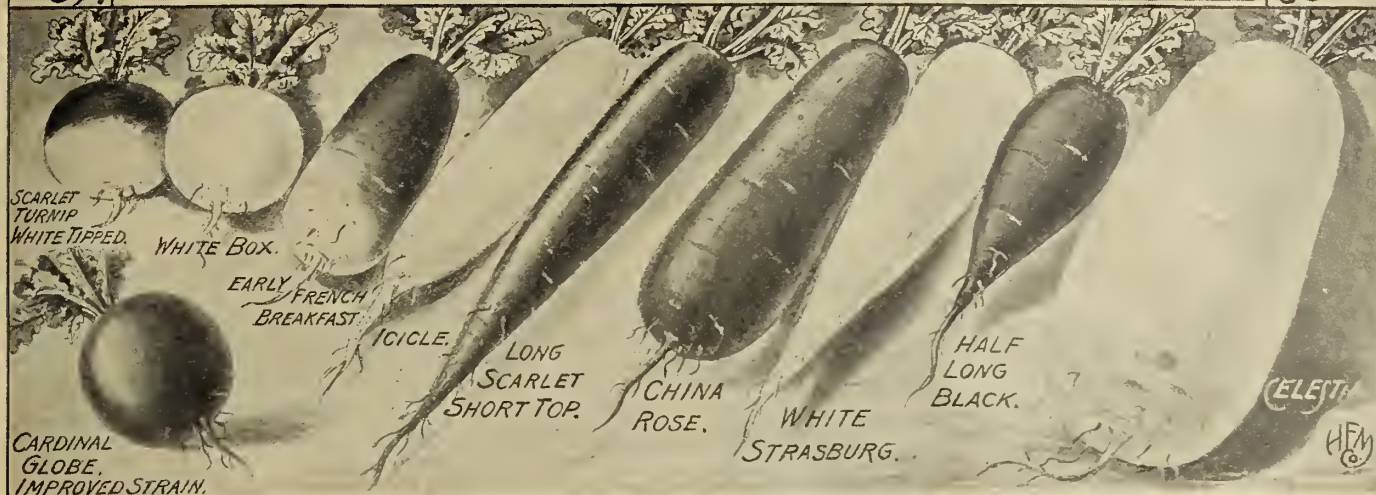


Pumpkin—Large Tours or Mammoth

(For list of varieties of Pumpkins, see page 53.)



MICHELL'S SELECT RADISH SEED.



Radis (Fr.); Radieschen (Ger.); Ravanelli (Ital.)

One ounce of seed will sow a row 75 feet long; 8 to 10 lbs. are required for an acre.

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. The winter radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in cool cellars and covered with sand.

EARLY VARIETIES

Cardinal or Scarlet Globe (Improved Strain). The very best forcing variety; of perfect globular shape, and brilliant cardinal red color. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Early French Breakfast. Oblong shape; rapid grower; very mild and tender; of a brilliant scarlet color, tipped with white. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Icicle (Improved Strain). White variety of fine taste; grows $3\frac{1}{2}$ to 4 in. long in 22 days. Suitable for summer sowing. Our stock of this is grown from carefully selected roots and is unusually good. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb., 5 lbs., \$4.50.

Long Scarlet Short Top or Salmon. A favorite variety; long, bright scarlet, with small top. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Round Red Forcing or Button. Very quick in maturing; splendid for hot-bed or garden culture. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Scarlet Turnip, White Tipped. Fine early scarlet variety with white tip. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

White Box, Felton's (Private stock). A selection of the old reliable White Box radish; more perfect form, producing shorter tops and does not have a tendency to grow long in shape. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

SUMMER AND WINTER VARIETIES

Celestial or White Chinese. Large size; pure white; it is also an excellent keeper. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.; 5 lbs., \$4.00.

China Rose. Bright rose color; flesh firm. One of the best for winter use. Half-long in shape, with a scarlet blunt tip. Winter radishes should be cultivated more extensively than they are. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Half Long Black. A great improvement on the old Long Spanish Radish, which variety we have discontinued in favor of this one. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

White Strasburg. Oblong; of a pure white color, and mild flavor; a splendid variety for summer. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

Testimonial

Dover, Del.

Am enclosing herewith a spring order. The seeds purchased of you last year were excellent, and we were all mighty well pleased with the results obtained.

L. C. J.

PUMPKIN

Potiron (Fr.); Grosse Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 25 hills; 4 to 6 lbs. for an acre.

Plant any time after the ground has become permanently warm, about four seeds to the hill; the latter to be about 8 feet apart each way. To obtain strong vines they may be pinched back somewhat, and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last cultivating.

Cashaw or Golden Crook Neck. A very meaty sort suitable for pie or stock feeding purposes; flesh golden yellow and very tender. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

Connecticut or Common Field. Almost round; fruits produced in abundance; flesh coarse; suitable only for stock feeding; color, light yellow. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Japanese Pie. A crooked-necked variety; deep green with darker stripes, which turn to a rich golden yellow. The fruit sets and matures early. The name given to it is derived from the seed, which is curiously marked like Japanese letters of the alphabet. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

Large Cheese. A very large, flat ribbed fruit, of a beautiful buff yellow color; the interior is of fine quality. An enormous producer; ideal for market, home gardens and canning purposes. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Large Tours or Mammoth. (See illustration on page 52.) The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange color, free from stringiness and ideal for pie-making or cooking. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit with a very light buff yellow skin. For pies it is delicious, while for cooking for table use it is dry and tasty, resembling the flavor of mashed sweet potatoes. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

Winter Luxury. Known as the New England pie pumpkin. No Thanksgiving dinner is complete without the palatable pumpkin pie, made from this variety. The skin is a russet yellow, while the flesh is golden orange when ripe. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

NOTE—All seeds offered on this page are mailed postpaid at prices quoted

SQUASH FOR PIE MAKING

The Boston Marrow and Hubbard Squashes offered on page 55 are extensively sold for pie making, in fact many people refer to them as pumpkins instead of squash.



RHUBARB is a crop that should be in every market garden and truck patch. It cares for itself and always returns a good profit

RHUBARB

Rhubarb (Fr.); Rhubarber (Ger.); Rabarbaro (Ital.)

Seed should be sown outdoors in April in rows 3 ft. apart. The following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the rhubarb may be used. Roots may be planted in October or in the spring up to May 15th. **Victoria.** Immense long stalks of a cherry red color, which cook splendidly; have no strings or coarse matter. The most popular variety. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

RHUBARB ROOTS

(Ready from October to May 15th.)

Victoria First Size Roots. \$1.00 per doz.; per 100, \$7.00; \$60.00 per 1000.

Victoria Extra Large Roots. For forcing or outdoor planting. \$2.50 per doz.; per 100, \$18.00.

RUTA BAGA

Private Stock Purple Top Yellow. This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Our strain of Ruta Bagas is grown from carefully selected roots and will be found highly satisfactory. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

ROSEMARY (Herb).

Pkt., 10c.; 50c. per $\frac{1}{2}$ oz.; oz., 85c.; \$2.75 per $\frac{1}{4}$ lb.; lb., \$10.00.

SAFFRON (Herb).

Pkt., 10c.; 15c. per $\frac{1}{2}$ oz.; oz., 25c.; 85c. per $\frac{1}{4}$ lb.; lb., \$3.00.

SAGE (Herb).

Pkt., 10c.; 60c. per oz.; $\frac{1}{4}$ lb., \$2.00; \$7.00 per lb.

SAVORY (Herb).

Summer. 15c. per $\frac{1}{2}$ oz.; oz., 25c.; 75c. per $\frac{1}{4}$ lb.; lb., \$2.50.
Winter. Pkt., 10c.; 50c. per $\frac{1}{2}$ oz.; oz., 85c.; \$2.75 per $\frac{1}{4}$ lb.; lb., \$10.00.

SHALLOTS (See page 48)

SALSIFY (Oyster Plant)

Salsifis (Fr.); Hafer Wurzel (Ger.); Salsefia (Ital.)

One ounce of seed will sow about 50 ft. of drill. 10 lbs. per acre. Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin out. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring. This is one of the finest vegetables stewed and served with a cream dressing, while if sliced or made into cakes and fried like parsnips, they taste like a delicious oyster.

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary white; pure white, very tender and delicious. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.; \$10.00 for 5 lbs.

NOTE.—All seeds offered on this page are mailed free at prices quoted.

SORREL

Oseille (Fr.); Sauerampfer (Ger.); Acetosa (Ital.)

Large leaved. Relished principally by the French people, who use it as a spinach dressing; also as a salad. Has an acid flavor. A sowing lasts several years. Being hardy, the seed stalks should be cut off when they appear. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.

SPINACH

Epinaud (Fr.); Spinat (Ger.); Spinaccio (Ital.)

One ounce will sow a row about 75 feet long; 10 to 12 pounds are required for an acre. Sow for spring use in drills one foot apart (covering the seed about one-half inch) as early as the ground can be worked, and continue to sow every two weeks till May 15th. Spinach seed seldom germinates during June, July or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. Seed sown then is generally broadcasted and on approach of cold weather is covered with long manure, salt hay, straw or other suitable litter. On mild winter days it may be gathered, but it should not be disturbed while the plant is frozen. For a supply of spinach during summer, the New Zealand variety is sown in April or May. Spinach can also be grown successfully under hot bed sash during the early winter and spring months.

Bloomsdale Round-Seeded Savoy. The hardest variety; curled and crimped thick, fleshy leaves; the best for early spring and fall sowing. *Imported Seed*—5c. per oz.; $\frac{1}{4}$ lb., 15c.; 40c. per lb.; 5 lbs., \$1.75; \$3.25 for 10 lbs.; 25 lbs., \$7.50; \$13.75 for 50 lbs.; 100 lbs., \$25.00.

American Grown—10c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.; 5 lbs., \$2.75; \$5.00 per 10 lbs.; 25 lbs., \$11.25; \$21.00 per 50 lbs.; 100 lbs., \$40.00.

Long Season. A cross between Bloomsdale and the Victoria. It produces tremendously large plants and leaves, which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled and are tender. Color, a beautiful dark green. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 45c. per lb.; 5 lbs., \$2.00; \$3.50 per 10 lbs.; 25 lbs., \$8.00; \$14.50 per 50 lbs.; 100 lbs., \$27.50.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright; one sowing can be picked from the entire summer. A very distinct variety and not generally grown for the market. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.

SWEET BASIL (Herb).

Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

SWEET MARJORAM (Herb).

Imported. Pkt., 10c.; 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.



Spinach, Bloomsdale Savoy

NOTE.—All seeds offered on this page are sent postpaid at prices quoted.



SQUASH

Courge (Fr.); Speisse Kurbis (Ger.); Zucca (Ital.)
One ounce will plant 20 to 50 hills, 3 to 4 lbs. are required for an acre

This vegetable is a popular one for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. There are two varieties, the bush sort, being planted in hills 4 to 5 feet apart each way; the running varieties require planting 8 to 15 feet apart in order that the fruits may develop properly. Place 8 to 10 seeds in a hill, and when the third stage of leaves is set, thin out to about 4 plants in a hill. Some varieties, it will be noted, are ideal for pie-making, more delicious than some of the pumpkins.

SUMMER VARIETIES

Cocozelle. This is a bush variety with smooth fruits, dark green in color, striped deeper. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

Golden Custard. A flat scalloped type, like the White Bush; the skin is a light yellow color, and very thin, leaving plenty of meat in the centre; a bush or compact growing kind. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Mammoth White Bush. Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

SUMMER SQUASH (Continued)

Yellow Summer Crook Neck. Shaped like a club with a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by housewives on account of its very dry meat when boiled. This is a variety with a running vine. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

FALL AND WINTER VARIETIES (Running Sorts)

Boston Marrow. Shaped similar to Hubbard; golden orange; fine for canning for winter use; cooked as a vegetable or in pie. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.

Delicious. Well named, as it has the finest flavor of any squash; of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter; one of the very best. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

Golden Hubbard. Used extensively for pie, but served as a vegetable, it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

Vegetable Marrow. A long, greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

SWISS CHARD (Spinach Beet)

Poireau (Fr.); Mangold Kohl (Ger.); Poro (Ital.)

1 oz. will sow a row about 50 feet long

A wonderful vegetable which is known but too little. From every possible standpoint it has qualities that recommend its use in every household. Readily grown from seed, when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant does not produce a beet root, but its valuable part is all above the ground; large leaves with broad ribs grow from the centre of the plant; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. The former when cooked is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus. Not generally grown for the market, but we believe with the right introduction it would become a ready seller.

Giant Lucullus. Very tall growing; crinkly leaves often two feet long; an enormous yield. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs. for \$4.00; \$7.50 per 10 lbs.

THYME (Herb)

French Broad Leaved Summer. Pkt., 10c.; 75c. per oz.; $\frac{1}{4}$ lb., \$2.75; \$10.00 per lb.

TOBACCO SEED

Many people like to have a few plants of this in the garden. It attracts butterflies. The flower is very sweet scented, while the leaves may be dried, cured and made into smoking tobacco and cigars. Sow in a box indoors; transplanting when about 3 inches high into thumb pots and set outdoors in May.

	Pkt.	$\frac{1}{2}$ Oz.	Oz.
Connecticut Seed Leaf.....	\$0.10	\$0.40	\$0.75
Havana.....	.10	.40	.75
Pennsylvania Seed Leaf.....	.10	.40	.75

Testimonial.

Boyertown, Pa.

We have a fine garden, the best vegetables in this neighborhood, and grown entirely from Michell's Seeds.

WILLIAM E. HENRY.



Giant Lucullus Swiss Chard

MICHELL'S
PRIVATE STOCK
STONE TOMATO.MICHELL'S
GLOBE TOMATO.

Pomme d'Amour (Fr.); Liebes Apfel (Ger.); Promo d'oro (Ital.).
One ounce will produce 3500 plants; $\frac{1}{4}$ lb. will provide enough for an acre.

Sow in the house or hotbed about March 1st, transplant when 3 inches high, and again later to produce vigorous specimens. Set plants outdoors about May 1st in rows 3 feet apart, 18 inches in the row or in hills 4 feet apart each way. Properly grown tomato plants should be supported. **Note.**—All seeds offered on this page mailed free at quoted prices.

Beauty. One of the largest bright red tomatoes; solid and meaty; quite early. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Bonny Best. One of the most prolific of early tomatoes. The size is not so large, but it is very solid and evenly formed. Color, a beautiful bright red. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Crackerjack (Michell's). This is one of the best early tomatoes for the home garden; its productiveness being wonderful; quite free from acid and of a convenient size. Color, rich red and produced in clusters. Be sure and try it if you have not already done so. 45c. per oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

Dwarf Champion. A distinct type; the plant looks like a miniature tree; very dwarf and compact; color of fruit, bright red and very solid; late maturer. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Dwarf Stone. A dwarf compact growing plant, yielding a large crop of medium-sized, very solid tomatoes. Color, bright red. The plant is very distinct and upright; late cropper. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Earliana (Spark's). The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and very desirable. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Golden Queen. Large yellow fruit; very sweet, almost free from acid; splendid for preserving. 35c. per oz.; $\frac{1}{4}$ lb., \$1.25; \$4.00 per lb.

Greater Baltimore. A main crop variety; fruit large and of a brilliant red color; ripens evenly to the stem. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

John Baer. The very first tomato to fruit in the garden; dwarf plants; fruit of medium size, red and very uniform. 35c. per oz.; $\frac{1}{4}$ lb., \$1.25; \$4.00 per lb.

Matchless. Large red fruit; general crop variety. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Michell's Early Red Wonder. The fruits are fairly large, very solid and of a beautiful red color; very uniform in shape. For illustration and full description see page 29. Pkt., 20c.; 45c. per oz.; $\frac{1}{4}$ lb. \$1.50; \$5.00 per lb.

Michell's Globe. One of the largest and heaviest of the late tomatoes on our list; the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. 35c. per oz.; $\frac{1}{4}$ lb., \$1.25; \$4.00 per lb.

Ponderosa. The largest tomato in existence; a beautiful deep pink. 45c. per oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

Red Rock. One of the most solid varieties; medium early and of a brilliant red color; a fine one for the market garden. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Stone (Michell's Private Stock). A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

FORCING TOMATOES

	Oz.	$\frac{1}{4}$ lb.	Lb.
Best of All	\$0.40	\$1.40	\$5.00
Comet	.30	1.00	3.50
Eclipse (Original pkts.)			\$1.00

SMALL FRUITED TOMATOES

	$\frac{1}{2}$ Oz.	Oz.
Red Cherry	\$.025	\$0.45
Red Peach	.25	.45
Yellow Plum	.25	.45
Strawberry or Husk	.25	.45

TOMATO PLANTS

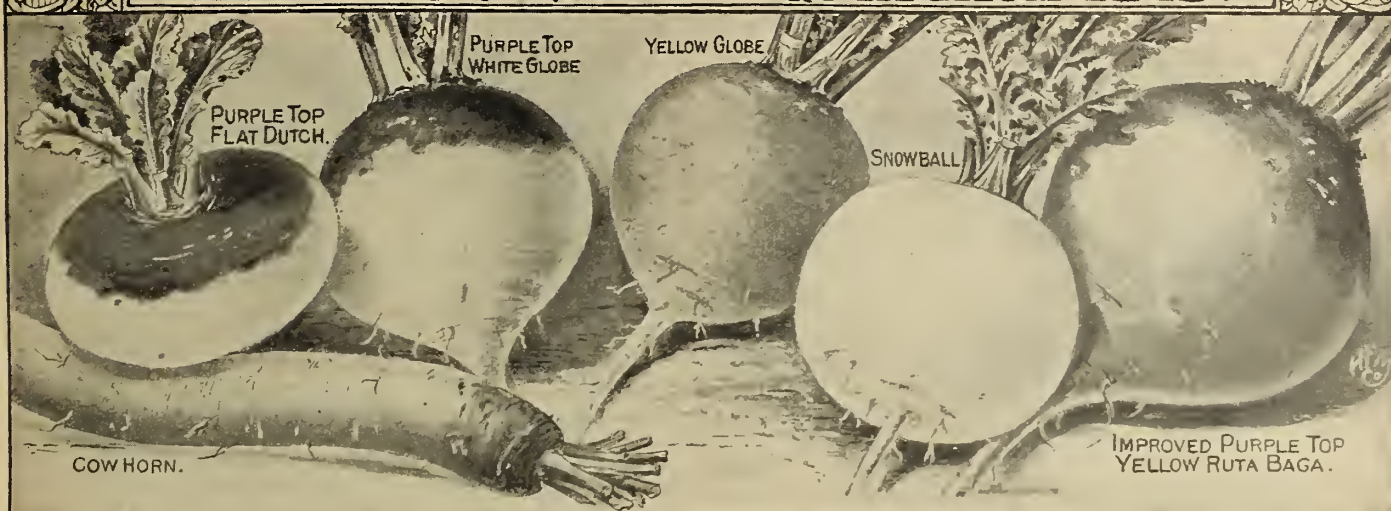
	Doz.	100	1000
Pot Grown	\$0.65	\$4.75	\$42.50

Price on Hotbed Grown Tomato Plants upon application.



MICHELL'S TURNIP AND RUTA BAGA SEED.

57



Herbst Ruben (Ger.); Navet (Fr.); Navone, Rapa (Ital.). One ounce of seed for 100 feet drill; two lbs. per acre, broadcast.

For early use sow as soon as the ground can be worked in the spring. Turnips in drills fourteen inches apart; Ruta Bagas thirty inches. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow Turnips broadcast from the middle of July to the middle of August, and Ruta Bagas in drills in August. **NOTE.**—All seeds offered on this page mailed postpaid at quoted prices.

TURNIP

Aberdeen. A flat yellow variety; a good winter keeper. 10c. oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

Cow Horn. A long white variety used for soiling and stock feeding; will be found far superior to crimson clover. 10c. oz.; ¼ lb., 25c.; 65c. per lb.; 5 lbs., \$3.00.

Early Purple Top Flat. The most popular variety in cultivation; a large yielder; well flavored. For early market trade it is desirable. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

Purple Top White Globe. (Private Stock). This is a careful selection and an improvement on the ordinary variety. A large, perfect shaped sort; the skin is purple at top and white at bot-

tom; very sweet. Market gardeners should grow this extensively. 10c. per oz.; 25c. per ¼ lb.; lb., 75c.; \$3.25 per 5 lbs.

Snowball. A pure white globe variety, almost round; very early. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

Southern Seven Top. Cultivated extensively in the South for the tops which are used as greens; also a favorite green food for stock. Not generally depended on for the root. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

Yellow Globe or Amber. Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

RUTA BAGA

Ruta Bagas should be sown in drills about 30 inches apart and when 3 inches high thinned out to get the greatest root development. They need to be cultivated liberally and hilled up.

Customers frequently complain that Ruta Bagas grow too long in shape rather than in a round form. Careful inquiry has developed the fact that this is caused by sowing the seed too early.

In the locality of Philadelphia and New York the seed should

not be sown until August 1st, when it will invariably develop perfectly globular formed roots.

Private Stock Purple Top Yellow. A perfect ideal Ruta Baga.

Top purple, bottom yellow. Brings a high price when sold in the market on account of its shape. Our strain of Ruta Bagas is grown from selected roots and will be found highly satisfactory. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

SEEDS OF CULINARY AND MEDICINAL HERBS

A few herbs in the garden will be found very convenient, there being so many uses to which they can be put in the green and also dry form. For winter use they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors where they can be available for use any time. Growers with market stalls will always find ready demand for bunched herbs.

	½ Oz.	Oz.	¼ Lb.	Lb.		½ Oz.	Oz.	¼ Lb.	Lb.		½ Oz.	Oz.	¼ Lb.	Lb.
Anise.....	\$0.15	\$0.45	\$1.50		*Mint (Peppermint) (Pkt., 20c.)					*Savory, Winter				
Basil (Sweet) (Pkt., 10c.)	.20	.50	1.75		*Lavender.....	\$0.30	\$0.50	\$1.50	\$5.00	(Pkt., 10c.)	\$0.50	\$0.85	\$2.75	\$10.00
Borage.....	.20	.75	2.50		*Pennyroyal (Pkt., 10c.)	.30	.50	1.35	5.00	Sweet Marjoram (Imported) (Pkt., 10c.)	.30	1.00	3.50	
Caraway.....	.10	.30	1.00		*Rosemary (Pkt., 10c.)	.50	.85	2.75	10.00	*Thyme, Broad Leaved (Pkt., 10c.)	.75	2.75	10.00	
Chamomile (Pkt., 10c.)	.50	.85	2.75		Saffron.....	.15	.25	.85	3.00	*Varieties are hardy or perennial, while others must be planted each season.				
*Catnip (Pkt., 10c.)	\$1.35	2.50			*Sage (Pkt., 10c.)	.60	2.00	7.00						
*Chives (Pkt., 10c.)	.50	.85	2.75	10.00	Savory, Summer.	.15	.25	.75	2.50					
Coriander.....	.10	.20	.50											
Dill.....	.10	.30	1.00											
*Fennel (Sweet)...	.10	.25	.75											



ALL PRICES SUBJECT TO MARKET CHANGES

oh

MICHELL'S HIGH-GRADE FARM SEEDS

PRICES, WHERE QUOTED, SUBJECT TO MARKET CHANGES

Alfalfa (*Medicago Sativa*). Non Irrigated Seed. (Grown in Kansas.) Sow $\frac{1}{2}$ bu., 30 lbs. per acre during May, August or September. Price on application.

Alfalfa (Grimm Strain). This is claimed by some to be hardier than the Kansas grown seed. Price on application.

Barley, Beardless. Sow $\frac{1}{2}$ to 2 bu. per acre from May 15th to July 1st. Price on application.

Beans, Soja. Sow $\frac{1}{2}$ bu. per acre during May. Mammoth Yellow, late. Wilson, early. Price on application.

Broom Corn. Early Evergreen. Sow 10 lbs. per acre during May. Price on application.

Buckwheat. Sow 1 bu. per acre during June and July. Japanese and Silver Hull. Price on application.

Clover, Alsike. Sow 10 lbs. per acre during March, April or August. Price on application.

" **Bokhara or Sweet**. Sow 15 lbs. per acre during April or August. Price on application.

" **Crimson**. Sow 20 lbs. per acre during July or August. Price on application.

" **Mammoth Red**. Sow 20 lbs. per acre during March, April or August. Price on application.

" **Red Medium**. Sow 20 lbs. per acre during March, April or August. Price on application.

" **White Dutch**. Sow 10 lbs. per acre. $\frac{1}{4}$ lb., 20c.; 75c. per lb.; 5 lbs., \$3.60; \$7.00 per 10 lbs.

Price for larger quantity on application.

Cotton Seed. Grown principally as an ornamental crop in this latitude. 15c. per $\frac{1}{4}$ lb.; 40c. per lb.; 5 lbs., \$1.25.

Canada Field Peas. Sow $\frac{1}{2}$ bu. per acre, with 1 bu. of oats during April. This makes splendid green feed. Price on application.

Cow Peas. Sow during May 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black, Black Eye and Whippoorwill. Price on application.

Flax. Sow 1 bu. per acre during May and June. Price on application.

Kaffir Corn. Sow in June and July. 10 lbs. per acre. Price upon application.

Millet. A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July. **Hungarian and Golden**, sow 1 bu. per acre. **Japanese**, 12 lbs. per acre. **Pearl**, 10 lbs. per acre. Price upon application.

Oats. Sow from April until June; 3 bu. per acre. **Swedish or Washington**, **Canadian Cluster**, **Tartar King**, **Storm King**. Price on application.

Rye (Spring). Sow $\frac{1}{2}$ bu. per acre broadcast during April and May. Price on application.

Rye (Winter). We handle Penna. White Winter and Rosen varieties. Sow in October and November; $\frac{1}{2}$ bu. per acre. Price on application.



Soja Beans



Canadian Cluster Oats

Rape, Dwarf Essex. Sow 6 lbs. per acre broadcast, or in drills, at intervals from April 1st to October 1st. Price on application.

Sorghum or Sugar Cane. Early Amber. Sow 25 lbs. per acre in drills during May or June. Price on application.

Speltz or Emmer. Sow during April and May; 2 bu. per acre. Price on application.

Sudan Grass. Similar to millet. Sow 16 to 24 lbs. per acre broadcast during April, May, June. Price on application.

Sunflower. Mammoth Russian (for Seedings). Splendid poultry food. Sow 10 qts. per acre in drills. 15c. per lb.; 3 lbs., 40c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per bu. (25 lbs.).

Teosinte. A splendid forage plant for dry sandy soils. Sow in May and June; 5 to 6 lbs. per acre. Price on application.

Timothy. Sow $\frac{1}{2}$ bu. per acre during April, August or September. Price on application.

Vetch. For green feed, green manure and cover crops. Sow 1 bu. per acre broadcast. **Winter** (*Vicia Villosa*). **Spring** (*Vicia Sativa*). Price on application.

Wheat. Sow $\frac{1}{2}$ bu. per acre in drills; Spring, Saskatchewan Fife. Winter varieties ready after September 15th. Price on application.

FIELD CORN

We make a specialty of choice field seed corn, shelled, from carefully tipped and butted ears and dried naturally by air.

Champion White Pearl
Cloud's Early Yellow Dent
Drought Proof Yellow Dent
Early Canada Flint
Eureka Yellow Dent Ensilage
Golden Beauty

Iowa Silver Mine
Leaming Early Dent
Reid's Yellow Dent
Red Cob Ensilage
White Cap Yellow Dent

Field Corn weighs 56 lbs. per bushel, and prices will be quoted on application.

ABOUT PRICES—For larger quantities than mentioned on Farm Seeds these will be quoted on application.

Testimonial.

Frederica, Del.

Please ship me at once 5 bushels Golden Beauty Corn. I received 8 samples of this variety and yours was by far the best of the lot.

C. W. S.

MICHELL'S RECLEANED GRASS SEEDS (For All Purposes) 59

Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an afterthought. "Quality is paramount." We are always pleased to submit samples with prices for comparison and let you be the judge. "Our prices and qualities are right."

Grass Seed is easily the most important item on a fairway putting green and lawn, and our house realizing this, for a number of years has made a specialty of catering to the grass seed wants of particular people.

Testimonial.

Harrisburg, Pa.
I have always ordered your Evergreen Lawn Grass Seed, because it has been so very satisfactory.
E. C. K.



MICHELL'S MIXTURE FOR LAWNS

A complete description as to the adaptability of these grass seed mixtures will be furnished in our retail catalog, a copy of which may be had on request.

	Lbs. Per Bu.	Qt.	4 Qts.	Peck	Bu.	100 lbs.
Clover Lawn Grass Seed Mixtures. For sandy soils, or for seashore lawns.....	30	\$0.45	\$1.60	\$2.75	\$10.00	\$32.00
Top Notch	25			2.00	7.50	27.50
Green Velvet	20	.25	.75	1.35	5.00	22.50
Evergreen. The standard Lawn Mixture.....	20	.20	.65	1.15	4.00	18.50
Shaded Lawn. Will produce perfect awards in shaded places.....	20	.25	.80	1.50	5.50	25.00
Fairmount Park	15	.13	.50	.80	3.00	18.00
Seashore Formula	20	.25	.80	1.50	5.50	25.00
Terrace or Embankment	20	.25	.80	1.50	5.50	25.00
Southern States Evergreen. Especially for southern latitudes.....	15	.20	.65	1.00	3.75	22.50
Special Sod	15	.20	.65	1.00	3.75	22.50
Woodlands Mixture	20	.25	.80	1.50	5.50	25.00

Testimonial.

Erie, Pa.
We have had such good luck with the grass seed furnished by you that we don't want to get away very far from the success obtained, and beg to remain
G. C. G.

GRASSES IN SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination. Prices Subject to Market Changes.

Lbs. Per Bu.	Lb. Bush.	100 lbs.
35 Bermuda Grass.....	\$0.85	
14 Blue Grass (Kentucky). Extra fancy, 3 to 5 bu. per acre (\$1.35 per peck).....	.45	\$5.00 \$33.00
14 Blue Grass (Canadian). 3 to 5 bu. per acre.....	.30	3.25 20.00
20 Creeping Bent. 4 bu. per acre.....	Price on application	
21 Crested Dogtail. 3 1/2 to 4 bu. per acre.....	.75	14.00 62.50
24 English Rye (Pacey's Fancy Short Seeded). Fine for lawns, 3 bu. per acre.....	.20	3.60 12.00
14 Fine Leaved Fescue.....	Price on application	
12 Hard Fescue. 30 lbs. per acre.....	.50	4.75 32.00
32 Herd or Red Top (Recleaned).....	.27	8.00 20.00
10 Herd or Red Top. Unhulled, 4 to 5 bu. per acre.....	.18	1.50 12.00
18 Italian Rye. 50 lbs. per acre.....	.20	2.70 11.00

MIXTURES FOR PLEASURE GROUNDS

	Lbs. Per Bu.	Qt.	4 Qts.	Peck	Bu.	100 lbs.
Michell's Fair Green Mixture	20	\$0.25	\$0.75	\$1.25	\$5.00	\$23.00
Michell's Putting Green Mixture	25	.45	1.60	3.00	12.00	45.00
Michell's Teeing Grounds Mixture	20	.25	.75	1.40	5.25	25.00
Michell's Lawn Tennis Mixture	20	.25	.70	1.35	5.00	22.50

MISCELLANEOUS MIXTURES

Michell's Permanent Pasture Grass Seed. Composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. Sow 3 to 4 bushels per acre on new land or 2 bushels on established pastures (20 lbs. per bushel). Prices: Per qt., 20c.; 65c. per 4 qts.; peck, \$1.00; \$3.75 per bushel; per 100 lbs., \$16.00.

Michell's Permanent Hayfield Grass Seed. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established fields (20 lbs. per bushel). Per qt., 20c.; 65c. per 4 qts.; peck, \$1.00; \$3.75 per bushel; 100 lbs., \$16.00.

Michell's Poultry Yard Grass Seed. (15 lbs. per bushel.) 20c. per qt.; 4 qts., 65c.; \$1.00 per peck; bushel, \$3.50; 100-lb. lots and over, 20c. per lb.

WHITE CLOVER

Choice recleaned. Sow 10 to 12 lbs. per acre (60 lbs. per bushel). Per 1/4 lb., 20c.; 40c. per 1/2 lb.; lb., 75c.; \$3.60 per 5 lbs.; 10 lbs., \$7.00; \$39.00 per bus. (60 lbs.); 100 lbs., \$65.00. Prices for larger quantity on application.

Lbs. Per Bu.	Lb. Bush.	100 lbs.
22 Meadow Fescue (English Blue Grass)...	\$0.40	\$7.70 \$32.50
14 Orchard. 40 lbs. per acre.....	.30	3.00 21.00
14 Red or Creeping Fescue.....	.75	9.75 65.00
32 Red Top. Recleaned.....	.27	8.00 20.00
14 Rhode Island Bent. 40 lbs. per acre.....	Price on application	
24 Rye Grass, Westernwolth's. Especially adapted for making lawns in the South.....	.30	6.00 20.00
12 Sheep's Fescue. 40 lbs. per acre.....	.45	4.75 35.00
Sudan Grass.....	Price on application	
Sweet Vernal (Perennial). 3 lbs. per acre with other grass.....	.60	50.00
Sweet Vernal (Annual). 3 lbs. per acre with other grass.....	.25	20.00
45 Timothy Seed. 1/2 bu. per acre alone.....	Price on application	
14 Wood Meadow. 30 lbs. per acre.....	.70	9.00 60.00

ALL PRICES SUBJECT TO MARKET CHANGES

oh



GERANIUM, HELEN MICHELL

It grows compact medium dwarf, with lustrous green foliage and throws up gigantic flower-heads very freely. We claim it to have the largest flower-heads of any of the Bedding Geraniums. The individual blooms frequently measure $2\frac{1}{2}$ inches across. It is a common occurrence that a single 4-inch pot plant shows four fully open gigantic flower-heads, several half open and more in bud. We further claim that "Helen Michell" is the best Commercial Scarlet Geranium in existence. Prices, $2\frac{1}{4}$ -inch pots, \$1.50 per doz.; per 100, \$7.50; 250 for \$18.50; \$36.00 per 500; per 1000, \$70.00.

BUDDLEYA, VARIABILIS MAGNIFICA

As a summer outdoor cut flower there are few plants that can be produced at anything like the low cost of Buddleya; a 3-inch pot plant will bloom profusely the first year and develop into a large bush. The long flower spikes are made up of numerous small florets; the color is a beautiful lilac, slightly on the shade of lavender; the cut blooms keep well in water, while the plant is a mass of bloom from late June until frost. It is perfectly hardy and increases in size and vigor each season. Ready in April. \$1.50 per doz.; per 100, \$10.00.



Buddleya, Variabilis Magnifica

CYCLAMEN SEEDLINGS

Grown from our Giant show strain of Seed. In separate colors. Not less than 100 seedlings sold, or not less than 25 of a color.

This stock affords the grower (who may have overlooked sowing his supply, or who may have failed therewith) to be assured of a reliable supply of choice seedlings, the purchase of which will have saved him at least five or six months' work and care.

Shipments of these can be best made by special delivery, Parcel Post.

Price, \$7.00 per 100; per 1000, \$65.00.

PLEASE NOTE.—Shipments of perishable goods can only be made at your risk.

If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.



MICHELL'S FORCING HYDRANGEAS

For several years we have been making a specialty of growing Hydrangeas for the florist's trade. The list of commercial varieties has become so voluminous that we have combed it thoroughly with the result we are offering what we consider the best sorts for the commercial grower to handle. We grow these in great numbers and feel certain the quality of our plants will please the buyer. The $2\frac{1}{4}$ -inch stock is especially desirable for growing on.

Baby Bimbinet. Silvery rose.
General de Vibrage. Bright pink.

Mad. E. Moulliere. White.
Radiant. Rosy carmine.
Otaksa. Rose pink.

PRICES FOR ANY OF THE ABOVE VARIETIES

	Doz.	100
$2\frac{1}{2}$ -inch pots.....	\$1.50	\$8.00

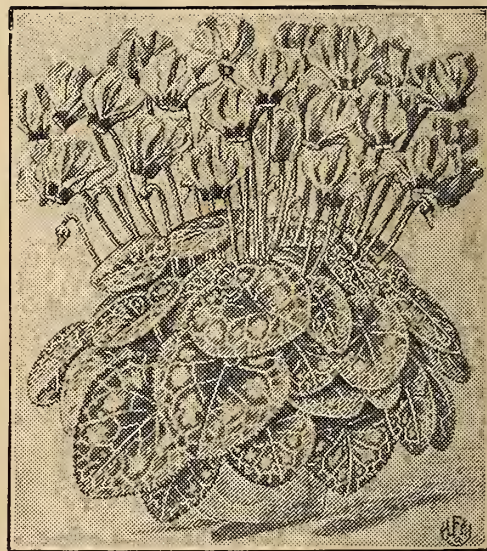
This stock is usually dormant until March and we prefer to make no shipments of Hydrangeas until that time, when the foliage commences to break.

In August we will have larger plants to offer in 4 and 6-inch pots. Orders booked now.

Williamsport, Pa.

Please send the enclosed list of plants. Those sent in April arrived in fine condition, and are especially satisfactory.

A. W. G.



Michell's Giant Show Cyclamen

MICHELL'S SUMMER FLOWERING BULBS for FLORISTS 61

All Prices Subject to Market Changes

AMARYLLIS			
	Each	Doz.	100
Belladonna. Bright pink.....	\$0.20	\$1.75	\$12.00
Hybrids of Vittata. Striped and flaked...	.60	6.00	40.00
Johnsoni. Red and white; 7-9 in. bulbs...	.35	3.50	27.50
Treata Alba (<i>Zephyranthes</i>). White.....	.85	8.50	50.00
" Rosea " Pink.....	1.50	15.00	100.00

BEGONIAS (Tuberous Rooted)

Very choicest giant flowering type. Extra large bulbs.

Single Begonias			
	Doz.	100	1000
Crimson.	\$1.75	\$12.00	\$100.00
Pink.....	1.75	12.00	100.00
Orange...	1.75	12.00	100.00
Double Begonias			
	Doz.	100	1000
Scarlet...	\$1.75	\$12.00	\$100.00
White....	1.75	12.00	100.00
Yellow...	1.75	12.00	100.00
Mixed....	1.75	12.00	100.00

In separate colors as above.....	\$2.00	\$14.00	\$130.00
Choice Mixed. All colors.....	2.00	14.00	130.00

FANCY LEAVED CALADIUMS



Fancy Leaved Caladiums

These are grown for us on contract by one of the leading hybridizers of the world. Our list is composed of 12 of the best named sorts, covering a wide range of colors, which are difficult to describe accurately. Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss somewhat like Begonias, with plenty of bottom heat and an occasional dampening.

Do not allow them to get chilled, and at all times grow them in a warm, shaded place. Choice named sorts in 12 varieties.

Charles Simpson. Bluish green, spotted red, creamy white.
Coimbra. White suffused green; red veins and ribs.
Frances M. Laughlin. Transparent rose centre, yellowish zone, green border.

Jacupiranga. Transparent white, with green veins.
Jupiter. Red centre, green border, spotted white.
Leopold Robert. Deep red crimson ribs, green border.
Lord Derby. Rose, green ribs and veins.
Macache. Variable, green suffused pink, with red ribs.
Prince Albert Edward. Red, suffused pink, green border.
Putomayo. Pink, spotted strawberry red, very beautiful.
Shellpink. Centre shell pink, deep red veins, white border.
Silver Queen. Pure white, almost transparent like glass.

Price of any of the above, \$2.50 per doz.; per 100, \$16.00.
Mixed. Made of named sorts, but not labeled separately, \$2.00 per doz.; per 100, \$15.00.

CALADIUM ESCULENTUM (Elephant's Ear)

	Doz.	100	1000
First Size Bulbs. 9 to 11 in. circum...	\$2.50	\$17.50	\$160.00
Second Size Bulbs. 7 to 9 in. circum...	1.35	9.00	80.00
Third Size Bulbs. 5 to 7 in. circum....	1.10	7.00	60.00

CANNAS. See back of Lily color plate opposite page 63.

CINNAMON VINE ROOTS (Hardy)

Dark green, dense foliage with small sweet, cinnamon scented blossoms; good stock for the florist who has a counter trade. Extra large size. 65c. per doz.; 100, \$4.25; \$37.50 per 1000.

CALLA

Elliottiana (Yellow Calla). This beautiful novelty should be extensively planted. The contrast of the golden yellow flowers placed among other blooms and foliage is truly remarkable, making a beautiful sight. The spotted foliage shows the flower off when using it as a pot plant, to great effect. In a short time this new variety will be wonderfully popular on account of its beauty and its low price. Dozen, \$2.25; \$16.00 per 100; per 1000, \$150.00.



Calla Elliottiana

DAHLIAS. See pages 63 and 64.

GLADIOLUS. See page 65.

GLOXINIAS

A gorgeous plant either for the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th.

	Doz.	100	1000
Duchess of York. Purple, white border.....	\$2.25	\$15.00	\$145.00
King Edward V. Red.....	2.25	15.00	145.00
Meteor. Flesh, deep pink border.....	2.25	15.00	145.00
Queen Alexandra. Pure white.....	2.25	15.00	145.00
Reading Purple. Deep purple.....	2.25	15.00	145.00
Reading Scarlet.....	2.25	15.00	145.00

HYACINTHUS (Summer Hyacinth)

Candicans. White flowering; very desirable for planting in borders. Doz., 50c.; \$3.00 per 100; per 1000, \$25.00.

ISMENE CALATHINA (Pancratium Lily)

See page 62 for illustration.

Flowers a beautiful waxy white; deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. Per doz., \$1.50; \$10.00 per 100.



Caladium Esculentum

*Ismene Calathina, See Page 61***MISCELLANEOUS HARDY LILIES**

Hardy Native lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

	Doz.	100
Canadense. Bright yellow.....	\$1.00	\$6.00
Canadense Rubrum. Red.....	3.00	20.00
Elegans Leonard Joerg. Apricot pink.....	2.25	15.00
Hansoni. Reddish orange.....	4.25	30.00
Henryi. Orange yellow.....	6.00	42.50
Regale (Myriophyllum). White.....	.75c. each	8.00 60.00
Superbum. Orange red.....	1.10	7.00
Tennifolium. Bright scarlet.....	2.50	16.00

HARDY JAPANESE LILIES

These are a splendid pot plant proposition for the florist, they force readily in a moderate temperature, especially the Lil. Album, and other speciosum types marked*

	Doz.	100	No. of Bulbs Per Case	Per Case
Album (Praecox). Pure white:				
8 to 9 inches.....	\$3.00	\$21.00	200	\$37.50
9 to 11 inches.....	4.50	32.00	125	37.50
Auratum (Golden Banded Lily):				
8 to 9 inches.....	3.50	22.50	200	37.50
9 to 11 inches.....	4.75	35.00	130	37.50
* Magnificum. Rich crimson:				
8 to 9 inches.....	2.50	17.50	200	32.00
9 to 11 inches.....	3.75	28.00	125	32.00
Melpomene. Pink, spotted red:				
8 to 9 inches.....	2.50	17.50	200	32.00
9 to 11 inches.....	3.75	28.00	125	32.00
* Rubrum or Roseum. Pink:				
8 to 9 inches.....	2.50	17.50	200	32.00
9 to 11 inches.....	3.75	28.00	125	32.00
Tigrinum Flore Pleno. Double... 2.50	17.50			
Tigrinum Splendens. Single... 2.25	16.00	Doz.	100	
Batmanni. Orange red.....	\$2.50	\$17.50		
Krameri. Blush pink.....	2.50	16.00		
Macranthum. Giant Golden Banded Lily.....	6.00	42.50		
Rubro-Vittatum. Spotted purplish crimson.....	7.00	55.00		
Wittei. Fragrant; white, yellow band.....	10.00			

LILY OF THE VALLEY

Giant Flowering (Cold Storage). For a number of years we have made a specialty of these and our strains are reputed to be among the finest. We have again procured and placed in storage a generous supply which can be shipped immediately or later as wanted. Prices on application.

**LILIUM LONG. GIGANTEUM (Cold Storage)
MICHELL'S SPECIAL BRAND**

Grown for us by the **most reliable** Lily grower in Japan. We have placed in cold storage a splendid lot of bulbs, against which we are booking orders; if your wants for 1921 are not covered in this line, we should be glad to supply them.

	Number of Bulbs per Case	
6 to 8 inches.....	400	} Prices will be established later.
6½ to 7 inches.....	350	
7 to 9 inches.....	100	
7 to 9 inches.....	300	

*Lilium Giganteum***MEXICAN VINE**

Where florists have a counter trade or retail store these sell readily, and we recommend having a moderate supply on hand.

	Doz.	100	1000
Strong Roots or Tubers.....	\$0.75	\$5.00	\$40.00

OXALIS**(Summer Flowering)**

Splendid for the florist with a retail store; they sell readily when placed on display.

	Doz.	100	1000
Deppii. White... \$0.15	\$0.75	\$6.00	
Lasiandra. Pink. .15	.75	6.00	

TUBEROSES

Crop very short.

Never possibly in history was the crop of tuberoses as meagre as it is this year; florists who have heretofore grown this crop should keep in mind, where in the past it has not been a money-maker, that this year it should produce a profit.

Mammoth Pearl. Double pure white. Full 4 to 6 in. circum. bulbs, 50c. per doz., per 100, \$3.50, \$30.00 per 1000.

Albino. Single white; 1st size bulbs, 50c. per doz.; 100, \$3.50; \$30.00 per 1000.

ZEPHYRANTHES

This is a small flowering type of dwarf growing Amaryllis adapted for pot and pan culture.

	Doz.	100
Treata Alba. White... \$0.85	\$5.00	
Rosea. Pink. 1.50	10.00	

*Double Pearl Tuberose*

LILIES

ARE ALWAYS A PROFITABLE CROP

GROW PLENTY

Album

Giganteum

Melpomene

Michell's Superb Lily Bulbs FOR FORCING

New Crop—Also Cold Storage

Prices Upon Application

MICHELL'S (Home Grown) THRIFTY CANNA ROOTS

Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. The heights quoted on Cannas are as they grow in our nursery. These may vary with soil and climatic changes.

Alphonse Bouvier. Rich velvety red; green foliage; 5 feet.....	Doz.	100	1000
	\$0.85	\$5.00	\$40.00
Austria. Lemon chrome yellow; green foliage; 5 feet.....	.85	5.00	42.50
Chas. Henderson. Crimson; green foliage; 4½ feet.....	.85	5.00	40.00
City of Portland. A glowing pink; flowers borne in great profusion; 3½ ft.; foliage, green.....	1.10	7.00	60.00
Dr. E. Ackerknecht. Carmine suffused deep red; handsome dark foliage; 4 feet.....	.85	5.00	40.00
Express. Dwarf, crimson; 2½ feet, green foliage.....	1.00	6.00	50.00
Firebird. One of the best red flowered, green-leaved Cannas. Color, a brilliant scarlet, without any spots; 4½ feet.....	2.25	15.00	125.00
Florence Vaughan. Yellow, spotted crimson; green foliage; 5 feet.....	.85	5.00	40.00
Gen'l Merkel. Scarlet, splashed golden yellow; 4 feet; green foliage.....	.85	5.00	40.00
Gustave Gumpfer. Rich yellow; green foliage; 4 feet.....	1.25	8.00	75.00
Hungaria. Dwarf and compact; rich peach blossom pink; green foliage; 3½ feet.....	1.75	10.00	85.00
Italia. Scarlet, broadly edged yellow; green foliage; 6 feet.....	.85	5.00	40.00
King Humbert. A king among cannas, because of its majestic growth; color, coppery scarlet; bronze foliage; 4 feet.....	.85	5.25	47.50



Canna, President

	Doz.	100	1000
Meteor. Of compact growth; broad green foliage; bright red flowers; 4½ feet.....	\$1.00	\$7.00	\$60.00
Mme. Crozy. Scarlet, bordered golden yellow; green foliage; 3 ft. high.....	.85	5.00	40.00
Mrs. Alfred F. Conard. Gigantic flowers; salmon pink; light green foliage; 4 feet..	1.10	7.00	60.00
Panama. Red, edged yellow; green foliage; 4 feet.....	1.00	6.00	50.00
President. This splendid new variety produces immense flowers of a rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety; green foliage; 3½ feet.....	2.25	15.00	125.00
Rosea Gigantea. A wonderful novelty; the largest of pink cannas in existence; color, a rich rose pink; foliage green; 3½ feet.....	1.75	10.00	90.00
Wintzer's Colossal. Bright scarlet; green foliage; 5 feet.....	1.00	7.00	60.00
Wyoming. Orange chrome red; bronze foliage; a wonderful canna; 6½ feet.....	1.00	5.00	42.50
Yellow King Humbert (Queen Nelen). A sport from King Humbert; flowers golden yellow; dotted red; green foliage; 4½ feet	1.00	7.00	60.00

MIXTURES OF CANNAS

Dwarf French Mixed.70	4.25	37.50
----------------------------------	-----	------	-------

See color plate of Cannas on 4th cover page, also consult our color plates of Dahlias and Gladiolus.



Canna, Mrs. Alfred F. Conard

MICHELL'S SUPERB DAHLIAS FOR FLORISTS

63

BEST CUT-FLOWER SORTS

Order Dahlia Roots Early. Each season some customers are disappointed by not being able to get roots. This is often caused by waiting too long before placing their orders. Orders received for Dahlia roots of a variety, which stock is exhausted, will be filled in strong, thrifty plants about May 1st, unless advised to the contrary. Dahlia plants give splendid satisfaction, are preferred by many people, and are furnished at same price.

Varieties listed in our Retail Catalog and not quoted in this catalog will be supplied at the price in the Retail Catalog less 20 per cent.

	Doz.	100
A. D. Livoni (Show). Pink; one of the best cut-flower varieties.....	\$2.00	\$15.00
Albert Manda (Show). Beautiful shades of lemon-white and pink.....	3.50	25.00
Allie Mowry (Pompon). Magenta pink.....	2.00	15.00
American Beauty (Show). Gorgeous crimson....	3.50	25.00
Attraction (Cactus). Lilac rose..... (60c. each)	6.00	45.00
Avalanche (Paeony). Pure white..... (65c. each)	6.50	45.00
Belle of Springfield (Cactus). Brilliant red.....	3.50	25.00
Bertha von Heemsteede (Decorative). Yellow and orange.....	3.00	20.00
Bianca (Cactus). Delicate lavender pink.....	5.00	35.00
Break O' Day (Decorative). Clear sulphur yellow (\$1.00 each).....	10.00	75.00
Chas. Lanier (Show). Rich yellow.....	3.00	20.00
Countess of Lonsdale (Cactus). Rich salmon pink.....	3.00	22.00
Crystal (Cactus). Silvery pink.....	5.00	30.00
Cuban Giant (Show). Reddish maroon.....	2.00	15.00
Darkest of All (Pompon). Deep maroon.....	2.00	15.00
Delice (Decorative). Rose pink.....	2.25	15.00
Dorothy Peacock (Show). Lilac rose, white centre.....	2.25	15.00
Dreer's White (Show). Pure white; long stemmed.....	3.50	25.00
Dreer's Yellow (Show). Clear yellow.....	4.25	30.00
Flora (Cactus). Pure white.....	2.25	15.00
Francis White (Cactus). Pure white.....	3.00	20.00
Geisha Improved (Paeony). Scarlet and gold (60c. each).....	6.00	45.00
Geisha Century (Single). Yellow and red.....	2.25	15.00
Golden Century (Single). Golden yellow.....	3.00	20.00
Grand Duke Alexis (Decorative). White edged lavender.....	2.25	15.00
Harzer Kind (Cactus). Lavender pink.....	2.25	15.00



Cactus Dahlia, Harzer Kind

	Doz.	100
Hortulanus Budde (Paeony). Rich orange red ..	\$3.50	\$25.00
Hortulanus Fiet (Decorative). Pink tipped yellow (60c. each).....	6.00	45.00
Hortulanus Witte (Decorative). Pure white.....	3.00	20.00
Insulinde (Decorative). Blended red and orange yellow. Stock exhausted.		
Jack Rose (Decorative). Rich crimson.....	2.00	12.00
Jeanne Charmet (Decorative). Pinkish lilac rose..	2.50	17.50
John Wanamaker (Paeony). Orchid pink.....	3.50	25.00
Kalif (Cactus). Red..... (75c. each)	7.50	60.00
Lawine (Cactus). White.....	2.25	15.00
Lae Grand Manitou (Decorative). Violet mottled purple.....	3.00	22.00
Lyndhurst (Decorative). Bright scarlet.....	2.00	12.00
Marjorie Castleton (Cactus). Rose pink, tinted lighter toward center and tips.....	2.25	15.00
Maude Adams (Decorative). Pure white, overlaid pink.....	3.50	25.00
Mina Burgle (Decorative). Rich scarlet.....	2.50	16.00
Mont Blanc (Decorative). White.....	3.00	20.00
Mrs. C. H. Breck (Cactus). White shaded lavender	3.50	25.00
Mrs. J. Gardner Cassatt (Decorative). Deep rose.....	2.25	15.00
Miss M. McCullough (Decorative). Soft yellow..	1.75	12.00
Mrs. Roosevelt (Decorative). Daybreak pink....	3.25	22.50
Mrs. Wm. Kerr (Paeony). Rich cream suffused pink, overlaid carmine.....	2.25	15.00

FOR OTHER VARIETIES OF DAHLIAS, SEE PAGE 64



Decorative Dahlia, Mrs. J. G. Cassatt

Testimonial

Shamokin, Pa.

In reply to yours of the 12th . . . certainly send Dahlias of your own selection to finish our order. We thank you very much for the care you took with those sent, and would say they are the finest roots we ever received.

T. M.

Testimonial

Bridgeton, N. J.

I received the Dahlia roots and they were the finest I ever bought of anyone.

W. V.

MICHELL'S SUPERB DAHLIAS FOR FLORISTS



Cactus Dahlia, Kalif (see page 63)

FOUR SUPER-DAHLIAS

On the color plate found in this catalogue the following dahlias are adequately shown in colors, the drawings being colored and made from the natural flowers. The variety "Attraction" is especially fine and will prove a money maker in any cut-flower market, both retail and wholesale.

Attraction (Cactus). The real flower and the habit of the plant must be seen to fully appreciate this splendid variety. The flowers measure invariably over 6 inches in diameter and are made up of gracefully twisted petals still uniform in shape; the exquisite shade of pink is just what the retail trade demands. (Roots) 60c. each; doz., \$6.00; \$45.00 per 100.

Autumn Sun (Insulinde) (Decorative). The name fitly describes this extraordinary variety. The flowers are of immense size, combining all the colors of the autumn sun, the yellows blending with the brilliant reds, orange and golden effects, and tints, must be seen to be fully appreciated.

PLEASE NOTE—Our color plate of Dahlias, on which this variety is included, was made before the crop of roots could be anticipated, expecting, however, to have a sufficient supply. We regret that owing to an almost total failure we are unable to offer roots of same.

Geisha (Improved) (Paeony Flowered). One of the most striking of the bi-colored varieties, a rich combination of scarlet and gold which varies and alternates with each petal. A grand improvement and truly a "glorified Geisha." (Roots) 60c. each; doz., \$6.00; \$45.00 per 100.

Yellow King (Cactus). This variety is classed among the finest of yellows so far in commerce. It is a wonderful cut-flower variety, a wonderful producer, being of great substance, hence shipping and keeping well. (Roots) 50c. each; doz., \$5.00; \$35.00 per 100.

DAHLIAS

Commercial Varieties—Continued

	Doz.	100
Nibelungenhort (Cactus). Old rose, suffused apricot.....	\$4.00	\$30.00
Oregon Beauty (Decorative). Oriental red, golden sheen.....	2.25	15.00
Parthos (Decorative). Rich lavender (\$3.00 each).....	2.25	15.00
Perle de Lyon (Cactus). Pure white.....	2.25	15.00
Pink Pearl (Cactus). Pink.....	2.25	15.00
Prince of Yellows (Cactus). Pure yellow.....	3.50	25.00
Princess Juliana (Paeony). Pure white.....	3.25	22.00
Princess Victoria Louise (Show). Rich, canary yellow.....	2.25	15.00
Queen Mary (Decorative). Soft shade of pink.....	3.50	25.00
Queen Wilhelmina (Paeony). Pure white.....	3.00	20.00
Red Grand Duke (Show). Red.....	2.25	15.00
Rose (Show). Deep rose.....	2.25	15.00
Rose Pink Century (Single). Rose pink.....	2.25	15.00
Sequoia (Cactus). Saffron yellow.....	2.25	15.00
Souv. de Gustav Doazon (Decorative). Clear red.....	2.00	12.00
T. G. Baker (Cactus). Canary yellow.....	2.25	15.00
Tom Pompon (Show). Soft creamy yellow.....	2.00	12.00
Twentieth Century (Single). Rosy carmine, white tip.....	2.00	12.00
White Century (Single). Snow white.....	2.00	12.00
White Swan (Decorative). Pure white.....	2.00	12.00
Wildfire Century (Single). Brilliant scarlet.....	2.00	12.00
William Agnew (Decorative). Crimson scarlet.....	2.00	12.00
Wolfgang Von Goethe (Cactus). Apricot shaded carmine.....	4.50	30.00
W. W. Rawson (Show). Pure white, overlaid with mauve.....	3.00	20.00
Yellow Duke (Decorative). Canary yellow.....	2.00	12.00
Yellow King (Cactus). Light yellow.....	5.00	35.00

Testimonial

"HOW'S THIS FOR A GOOD WORD"

I received the bulbs in fine condition and the way you people dish out quick service certainly has "my goat." In my opinion it is the best advertising medium you can employ.

JOS. T. ZIKA,
Florist.

DAHLIAS IN SEPARATE COLORS

These are splendid for retailing in your store; dry roots only.

	Doz.	100
Pink. Cactus, Decorative, Show and Single.....	\$1.50	\$10.00
Red. Cactus, Decorative, Show and Single.....	1.50	10.00
White. Cactus, Decorative, Show and Single.....	1.50	10.00
Yellow. Cactus, Decorative, Show and Single.....	1.50	10.00
Mixed. All colors, types and varieties.....	1.25	8.00

Specify which type you want when ordering.



Dahlia, Queen Mary

MICHELL'S "SUPERB NEWER" DAHLIAS

(Strong Dormant Roots)

Yellow King

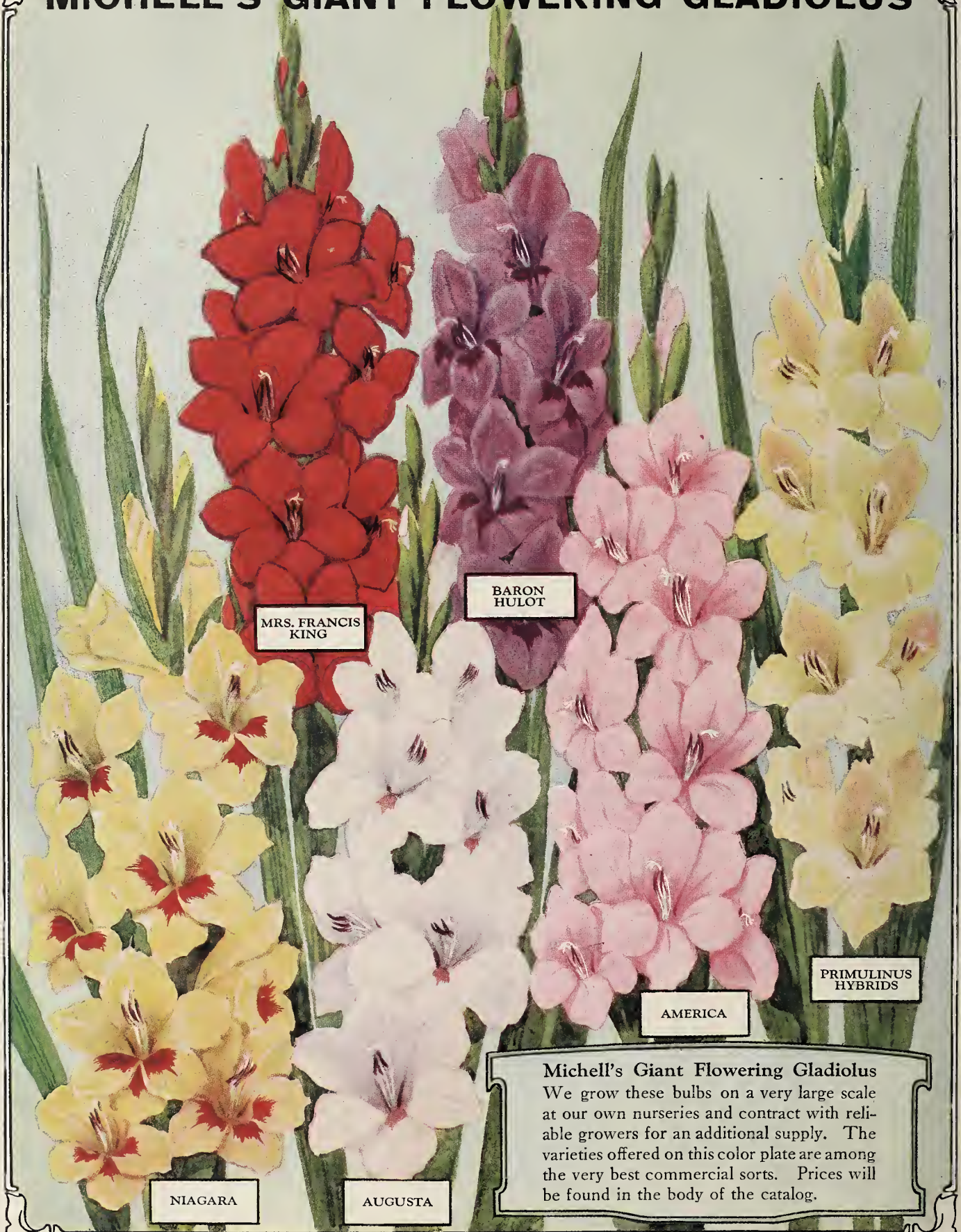
Autumn Sun
(Insulinde)

Attraction

Geisha
(Improved)

	Each	Doz.	100
Attraction	\$.60	\$6.00	\$45.00
Geisha (Improved)	.60	6.00	45.00
Autumn Sun (Insulinde)	(Stock exhausted)		
Yellow King	.50	5.00	35.00

MICHELL'S GIANT FLOWERING GLADIOLUS



Michell's Giant Flowering Gladiolus

We grow these bulbs on a very large scale at our own nurseries and contract with reliable growers for an additional supply. The varieties offered on this color plate are among the very best commercial sorts. Prices will be found in the body of the catalog.



Gladiolus "America"

NAMED VARIETIES

	Doz.	100	1000
America. One of the finest; delicate pink.	\$0.60	\$3.75	\$30.00
Augusta. White, slightly penciled. ....	.60	3.75	30.00
Baron Hulot. Deep indigo blue. ....	.85	6.25	55.00
Bertrex (New). Stands at the top of all existing white varieties; flowers of good substance	1.25	9.00	80.00
Brenchleyensis. Brilliant scarlet. ....	.60	3.75	30.00
Chicago White. White, with lavender marking; medium sized flowers, but very early. ....	.75	5.00	42.50
Empress of India. Maroon-black; very dark, rich and fine. ....	.75	5.00	42.50
Evelyn Kirkland (New). A beautiful shade of rosy pink, shading to shell pink at center, with scarlet blotches on lower petals.	1.25	9.00	80.00
Gretchen Zang (New). Soft shades of pink, blending into scarlet on lower petals.	1.25	9.00	80.00
Halley. Very large; salmon pink, blotched yellow, with carmine markings. ....	.75	4.00	32.00
Herada (New). The large blooms are pure mauve, glistening and clear, with deeper markings in throat.	1.25	9.00	80.00
Klondyke. Primrose, blotched crimson. ....	.75	4.00	32.00
Lily Lehman. Pink to blush white; a splendid flower.	1.00	7.00	60.00
Mrs. Frank Pendleton, Jr. Salmon pink, blotched maroon. ....	.85	6.25	55.00
Mrs. Francis King. Brilliant soft scarlet. ....	.65	3.75	30.00
Nezinscott. Bright scarlet, with velvety crimson blotches and white mottlings. ....	.85	6.25	55.00
Niagara. Rich cream with canary yellow. ....	.85	6.25	55.00
Panama. Fully equal to America and superseding it in color, which is more on the order of salmon pink.	1.00	7.00	60.00
Peace. Pure white with just a slight marking of a lilac feather on the lower petal.	1.00	7.00	60.00
Pink Perfection. Pure rose pink.	1.10	7.50	65.00
Primulinus Major Hybrids. Various shades of yellow. ....	.60	3.75	30.00
Scarsdale. Superb violet; large and fine. ....	.70	4.25	37.50
Schwaben. Delicate pale yellow, blotched dark in centre.	1.00	7.00	60.00
Shakespeare. White, suffused rose. ....	.80	5.25	47.50

IMPORTANT

Most growers want the largest gladiolus bulbs they can get. Many varieties of Gladioli produce only medium sized bulbs and for that reason should not be condemned. This is especially true in the case of mixed Gladioli, either in colors or shades of color. The smaller bulbs are frequently the finest varieties; as a matter of fact sometimes the largest bulbs do not bloom at all, due to the vigor for flowering strength being exhausted. Bulbs averaging 1 1/4 inch in diameter and upward produce the best flowers, whether planted outdoors or under glass.

NAMED VARIETIES (Continued)

	Doz.	100	1000
War. One of the largest of gladioli, with deep blood red flowers, and showing 4 to 6 blooms at one time.	\$1.00	\$7.00	\$60.00
Wm. Falconer. Large clear pink.	1.50	11.00	100.00

UNNAMED GLADIOLI (Separate Colors)

	Doz.	100	1000
Pink and Rose.	\$0.50	\$3.25	\$25.00
Red and Scarlet. ....	.50	3.25	25.00
Striped and Variegated. ....	.50	3.50	30.00
White and Light. ....	.50	3.25	25.00
White and Light. (Special Mixture). For forcing. ....	.55	3.50	30.00
Yellow and Orange, all Shades. ....	.60	4.00	35.00

MIXTURES OF GLADIOLI

Extra Choice Mixed. ....	.40	2.50	20.00
Groff's New Hybrids, Extra Fine Mixed. ....	.50	3.25	25.00
Michell's Giant Flowering Mixture. ....	.50	3.25	25.00

SILVER MEDAL STRAIN MIXTURES (To Color)

Section 1. Red, scarlet and crimson, fine types. 50c. per doz.; per 100, \$3.00; \$22.00 per 1000.	
Section 2. Yellow, white and light shade strains. 50c. per doz.; per 100, \$3.00; \$22.00 per 1000.	
Section 3. Lilac, heliotrope, light and dark blue. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.	

NOTICE.—Prices on Gladiolus are subject to market changes and conditions.



Gladiolus, Niagara

SOUTH BEND PLOWS

This plow has been one of the favorites in the section of Philadelphia for many years. It is substantially made, neat, and gives splendid satisfaction.

No. 1B. For one horse; wood beam. \$11.25

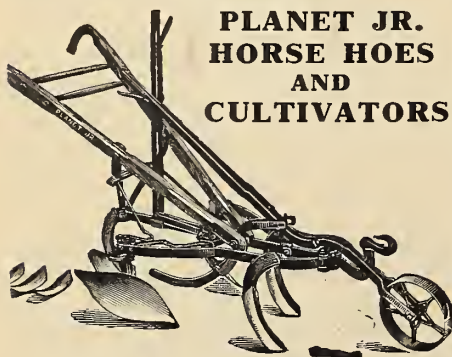
No. 2F. For one heavy horse or two light horses; wood beam. 14.25

No. 3F. 2-horse; wood beam. 19.00

No. 3F. Steel beam for 2 horses. 20.50

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2 and 3.

If the wheel only is wanted, add \$2.10, or if jointer only is wanted, add \$4.20 to the prices quoted above. We can also supply Oliver, Gale and Syracuse Plows.



No. 8 Planet Jr. Horse Hoe

Planet Jr. Implements are in great demand by the market garden industry everywhere. While we list here only a few popular styles, we are prepared to furnish the complete line, also riding cultivators.

No. 8. Horse Hoe and Cultivator. \$22.00

No. 7. Horse Hoe and Cultivator. 21.00

No. 90. 12-tooth Harrow (Complete)

Wheel and Pulverizer. 22.00

No. 4. Horse Hoe with Wheel. 16.50

No. 9. Horse Hoe with Wheel. 19.00

No. 82. Horse Hoe with Wheel. 21.00

IRON AGE CULTIVATORS & HORSE HOES



No. 1007 E. L. Iron Age Horse Hoe

The "Iron Age" gardening and farming tools are favorably regarded and in many sections are preferred.

No. 1007. E. P. Cultivator. \$13.00

No. 1007. E. L. Cultivator. 14.00

No. 1014. E. P. Harrow (Complete). 14.00

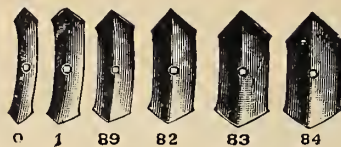
No. 1005. E-5-tooth Cultivator with Exp. Lever. 10.50

No. 1005. Plain 5-tooth Cultivator. 8.50

We can also supply all other styles of Iron Age Horse Tools.

PLANET JR. "STAR" PULVERIZER

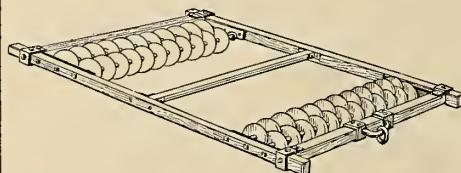
A dandy implement for destroying weeds, pulverizing the soil, etc., \$6.35 each.



HORSE CULTIVATOR TEETH

No.	Width	Each	No.	Width	Each
0	1 1/4 in.	\$0.20	82	3 in.	\$0.26
96	1 1/4 in.	.21	83	3 1/2 in.	.28
1	2 in.	.22	84	4 in.	.30
89	2 1/2 in.	.23	68	4 in.	.30

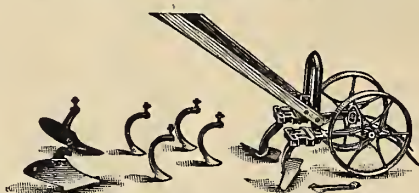
Bolts for Teeth, 4c. each, per doz, 40c.



THE MEEKER SMOOTHING HARROW

The ideal implement for the market gardener; it makes a seed bed as fine as can be made with a rake; is easy on the horse and does the work quickly and satisfactorily.

No.	Width	Price
No. 1	4 ft. 6 in. x 4 ft.—8 in. discs.	\$45.00
No. 2	6 ft. 8 in. x 6 ft.—8 in. discs.	50.00
No. 3	8 ft. x 6 ft.—8 in. discs.	65.00
No. 4	8 ft. x 6 ft.—10 in. discs.	80.00

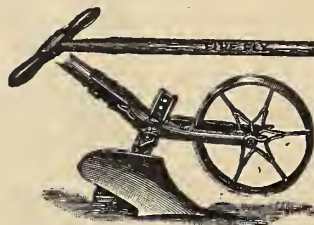


PLANET JR. WHEEL HOES

No. 12.	Double wheel (see cut)	\$13.50
No. 13.	Double wheel	9.75
No. 11.	Double wheel	17.50
No. 14.	Double wheel	15.50
No. 16.	Single wheel	11.25
No. 17.	Single wheel	9.50
No. 17 1/2.	Single wheel	8.15
No. 18.	Single wheel	6.50
No. 33.	Single wheel	7.00
No. 119.	Plow and Cultivator Combined (New)	5.50

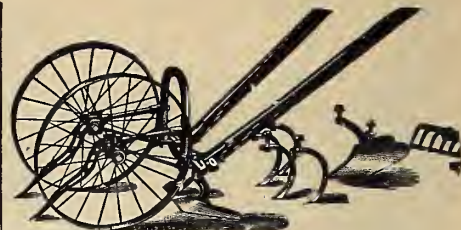
PLANET JR. WHEEL HOE PARTS

Side Hoes, per pair, 4 1/2-inch,	\$1.35;
6-inch, \$1.50; 7-inch	\$1.70
Side Plows, per pair	1.60
Cultivator Teeth, each	.40
Peat Land Hoes, per pair	2.20



FIRE-FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring). Price, \$4.25.



IRON AGE WHEEL HOES

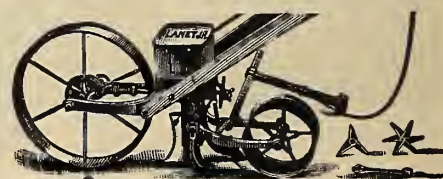
No. 301R.	Double Wheel Hoe (see cut)	\$15.00
No. 303.	Double-Wheel Hoe	10.25
No. 11.	Single-Wheel Plow	6.00
No. 12.	Single-Wheel Plow and Hoe	7.00
Victory Garden Cultivator		6.00

GEM WHEEL HOES

Single Wheel. Of garden tools this is the most popular, being low in price and complete in detail; suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, \$9.50.

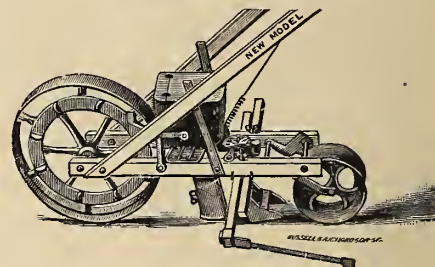
Gem Double-Wheel Hoe. \$11.00

Iron Age Hand Plow (no wheel).... 3.25



SEED DRILLS—Planet Jr.

No. 4D.	Plain	\$17.25
No. 4.	Combined	22.00
No. 3.	Plain only	20.50
No. 25.	Combined	25.00
No. 31.	Combined Seeder and Wheel Hoe, complete	14.00
No. 31D.	The above machine as a seeder only	11.00



THE MODEL SEED DRILL

It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardener's drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$16.00.

IRON AGE SEED DRILLS

No. 306.	Combined Seeder	\$22.50
No. 322.	Fertilizer Drill, Hill and Drill Seeder	35.00

THE FAIRY CULTIVATOR—No. G-5

A splendid tool for the kitchen garden, \$3.50.

ADVANCE FERTILIZER DRILL

For fertilizing, and for drilling peas, beans and corn, \$13.00.

THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

5-blade cylinder	
15-inch.....\$19.80	19-inch.....\$24.30
17-inch.....22.05	21-inch.....27.00

PENNA. AND CONTINENTAL LAWN MOWERS

Either at the following prices:

Low wheel, 8-in. diameter (Penna. only)	
12-inch.....\$14.85	16-inch.....\$19.80
14-inch.....17.10	18-inch.....22.50
High wheel, 10½-inch diameter.	
15-inch.....\$25.65	19-inch.....\$32.85
17-inch.....29.25	21-inch.....36.45

Note: Continental machines cannot be furnished in low wheel types.

PENNA. JR. BALL BEARING

8-inch or low wheel; 5-blade cylinder; 5½-inch diameter.	
12-inch.....\$16.20	16-inch.....\$21.60
14-inch.....18.90	18-inch.....24.30
10-inch or high wheel, 5-blade cylinder, 6-inch diameter.	
15-inch.....\$27.00	19-inch.....\$34.20
17-inch.....30.60	21-inch.....37.80

PENNSYLVANIA GOLF

For Putting Greens and close cutting. 9½-inch wheel, 7-blade cylinder.

17-inch, Ball Bearing.....	\$34.70
19-inch, Ball Bearing.....	38.85
21-inch, Ball Bearing.....	43.00

PENNSYLVANIA GOLF

5½-inch wheel, 6-blade cylinder.

14-inch, Plain Bearing.....	\$22.50
16-inch, Plain Bearing.....	25.20
18-inch, Plain Bearing.....	27.90

PENNA. PUTTING GREENS

Roller Mower Type

12-inch.....\$25.65	16-inch.....\$33.75
14-inch.....29.70	18-inch.....37.80

TOWNSEND'S GOLF WONDER

16-inch.....\$30.00	20-inch.....\$35.00
18-inch.....32.50	Without catcher

Catchers for any of the above, \$5.75 each.

COLDWELL HIGH WHEEL

Ball-bearing, 5-blade cylinder.

14-inch.....\$20.00	18-inch.....\$22.50
16-inch.....21.50	20-inch.....23.50

GREAT AMERICAN BALL BEARING

High wheel.

15-inch.....\$18.90	19-inch.....\$23.40
17-inch.....21.15	21-inch.....26.10

PHILADELPHIA MOWERS

High wheel, style A. High wheel, style K.	
15-inch.....\$23.75	14-inch.....\$19.00
17-inch.....26.60	16-inch.....20.90
19-inch.....29.35	18-inch.....22.80
21-inch.....31.30	20-inch.....23.40

JEWEL MOWER

High wheel, 4-blade cylinder.

12-inch.....\$9.00	16-inch.....\$10.00
14-inch.....9.50	

MICHELL'S EASY BALL BEARING

High wheel.

14-inch.....\$14.40	18-inch.....\$16.20
16-inch.....15.30	

LAWN TRIMMERS

For cutting around walks, drives, flower beds and borders.

Penna. Regular style, plain-bearing..	\$10.35
Penna. Undercut style; ball-bearing..	11.70
Capitol.....	8.50
Coldwell Gem. 8-inch cut.....	8.50

GRASS CATCHERS

Braun's Make

For the Pennsylvania, Continental, Great American Ball-Bearing and Michell Mowers.

12-inch.....\$3.40	15-inch.....\$4.05
14-inch.....3.40	17-inch.....4.05
16-inch.....4.05	19-inch.....4.50
18-inch.....4.05	21-inch.....4.95

Catchers for Penna. Golf Mowers

All sizes, 14- to 21-inch, \$7.20 each.

Catchers for Penna. P. G. Mowers

All sizes, 12- to 18-inch, \$7.20 each.

K. C. GRASS CATCHER

Fits any Mower

Made of sheet iron bottom and canvas sides. Price, 12- to 16-inch size, \$2.25 each; 18- to 22-inch size, \$2.50.

HORSE LAWN MOWERS

Coldwell, 30-inch, Complete, seat and shafts.....	\$115.00
" 35-inch, Complete, seat and shafts.....	130.00
Penna. Pony, 25-inch, 4 blades....	66.50
Penna. Pony, 25-inch, 6 blades....	80.75
Penna. Horse, 30-inch, with seat and shafts.....	152.00
30-inch, without seat and shafts...	128.25
Penna. Horse, 38-inch, with seat and shafts.....	190.00
38-inch, without seat and shafts..	166.25

Penna. Grand Horse Mower

30-inch, with draft irons.....	\$142.50
30-inch, with seat, and shafts.....	166.25
38-inch, with draft irons.....	180.50
38-inch, with seat, and shafts.....	213.75

MOTOR MOWERS

Coldwell, Model J—40-inch cut...	\$1500.00
" " G—35-inch cut...	550.00
" " H—30-inch cut...	500.00

(F. o. b. Newburgh, N. Y.)

Ideal, 30-inch cut. Price on application.
Pontiac, 24-inch and 30-inch cut. Price on application.

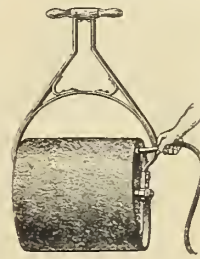
COMBINED OR GANG HORSE MOWERS

Townsend's Triplex, 86-inch cut...	\$400.00
(F. o. b. Bloomfield, N. J.)	
Penna. Trio, 86-inch cut.....	\$450.00
Shawnee, 84-in. cut. Price on application.	
Coldwell, 87-inch cut. Price on application.	

LAWN MOWER OIL (Best Quality)

35c. pint; quart, 50c.; 70c. per ½-gallon; gallon, \$1.10.

MICHELL'S WATER BALLAST ROLLERS



Fill with water which will weigh it up to any number of pounds desired, as shown below. Equipped with feature for balancing handles.

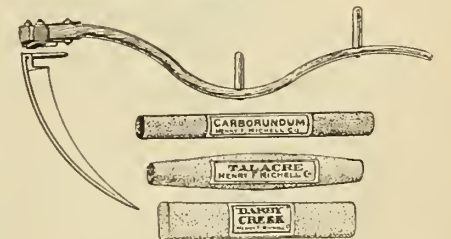
No.	Sections	Diam.	Width	Weight Empty	Weight filled with Water
601...	1	14	20		.....\$15.00
602...	1	18	24	75	330.....19.00
603...	1	24	24	100	440.....22.00

Prices on Iron Horse and Hand Rollers on application.



GRASS SHEARS

012—7	-inch American.....	\$1.10
3075—5½	-inch English.....	1.50
3075—6	-inch English.....	1.75
0267—6	-inch American.....	.90



SCYTHES

	Each	Doz.
English, 32-inch, rivet back.....	\$3.00	
English, 34-inch, rivet back.....	3.00	
English, 36-inch, rivet back.....	3.00	
English, 38-inch, rivet back.....	3.00	
American, Little Giant, 32-inch.....	2.00	
American, Little Giant, 34-inch.....	2.00	
American, Little Giant, 36-inch.....	2.00	
Bush.....	2.00	
SNATHES for Scythes.....	2.00	

SHARPENING STONES

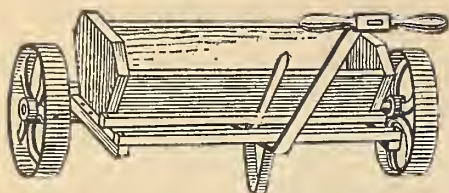
	Each	Doz.
Talacre (Style American).....	\$0.35	\$3.75
Darby Creek.....	.25	2.85
Carborundum.....	.30	3.25



SICKLES OR GRASS HOOKS

	Each	Doz.
English Rivet Back, No. 2.....	\$1.00	\$11.00
English Rivet Back, No. 2, Soldier Brand. Price upon application.		
English Solid Back.....	.85	9.00
Little Giant.....	.65	7.00

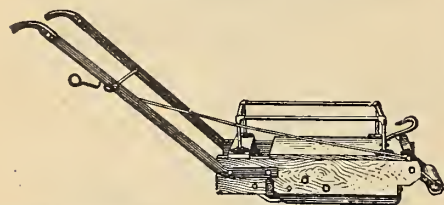
MICHELL'S FARM AND GARDEN ACCESSORIES



THE STEVENS' FERTILIZER DISTRIBUTOR

Hand Machine. For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about $1\frac{3}{4}$ bushels. Covering area, 3 feet wide. Price, \$16.00.

Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is furnished equipped for either one or two horses as may be desired. 5 foot, 10-inch spreading area, 8 foot, 3-inch spreading area. Prices upon application.



THE NEW CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day. Price, \$47.50.

Extra Knives for Sod Cutters. \$7.50



EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight, without the curve in the standards, as the illustration shows.

16 ft.	26 ft.	
18 ft.	28 ft.	75c. foot
20 ft.	30 ft.	
22 ft.	32 ft.	
24 ft.	34 ft.	80c. foot
	36 ft.	

38 to 40 ft. size at 95c. per foot.

SINGLE PLANK LADDERS

Made of good, hard wood, free from faulty knots with perfect rounds.

10 ft.	16 ft.	50c. foot
12 ft.	18 ft.	60c. foot
14 ft.	20 ft.	

STEP LADDERS

Up to 10 ft.	80c. foot
12 ft. to 14 ft.	90c. foot

SOD TAMPERS

When laying sod it is necessary to properly firm it down, so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle; 12 inches square; weight, 26 lbs. Price, \$3.00.

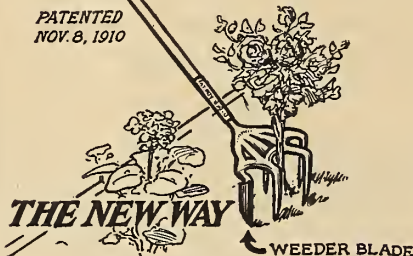
SOD PERFORATORS

A convenient implement for use in loosening soil in places where sod is worn out preparatory to sowing grass seed. Price, \$4.25.

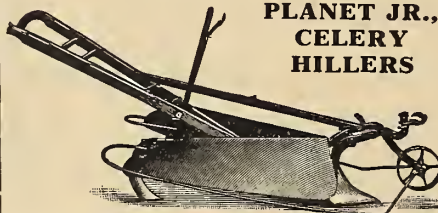
MEHLER HANDY GARDENER

An entirely distinct tool. No hoe is needed where this is used; just the thing for working among flower and vegetable plants, and especially for use in bench beds of greenhouses, for weeding, etc. \$1.10 each.

PATENTED
NOV. 8, 1910



PLANET JR., CELERY HILLERS



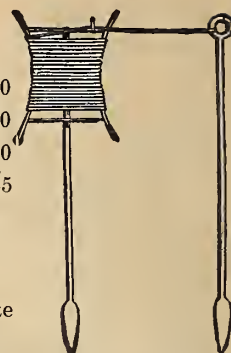
Double, for hilling one side of 2 rows. Price, double style, \$34.00.



The Ball Celery Bleacher as it looks in the garden

GARDEN REELS

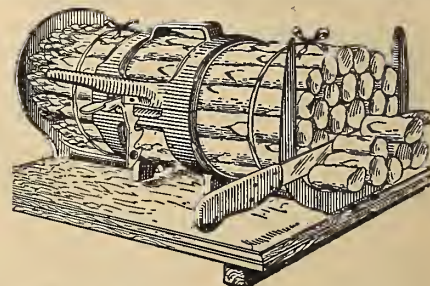
Small, Single . . .	\$1.10
Medium, Single . .	1.60
Large, Single . . .	2.50
Large, Double . . .	3.25



GARDEN LINE

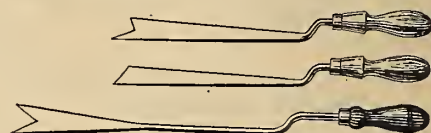
Best quality white cotton braided.

100 ft. hanks . . .	\$2.35	Single Garden Reel
Plow Line Cotton, 45-foot hanks . . .	\$1.25	



ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. Buncher, with Knife Guard, \$3.50.



ASPARAGUS KNIVES

Bateman's (see center cut)	\$0.55
Fig. 399, No. 3, American. V-shaped blade, short handle . . . . .	.60
Fig. 399, American. V-shaped blade, long handle . . . . .	.65

ASPARAGUS TAPE

In fast colors, green and red, glazed finish. 1000-yard spools, \$4.00 per spool.

BALL CELERY BLEACHER

A practical device for bleaching celery early; made of stiff, heavy paper; celery will bleach in 10 days without soil being drawn to the plant.

No.	Inches	P.P.Wt.	per 100	50	100	1000
1	6 x12	8 lbs.	\$1.75	\$3.20	\$3.20	\$28.00
2	6½x13	10 lbs.	2.00	3.70	3.70	32.50
3	7 x14	14 lbs.	2.10	4.10	4.10	37.00

Not less than 50 bleachers of a size sold; 500 of a size at 1,000 rate.

CELERY HANDLERS

Brass, each	\$4.50
Tin, each	1.75

CELERY PAPER

In 500 square foot rolls. Price upon application.

CELERY TAPE

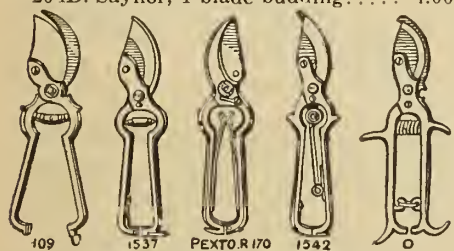
In spools of 1,000 yards, fast red. \$4.00



HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel; every one is guaranteed to be perfect, and give good satisfaction.

924	English Pruner, 1 blade.....	\$2.25
928	English Pruner, 1 blade.....	2.50
04993	Budding and Pruning, 2 blades	1.50
2852½	Budding, 1 blade.....	1.10
778B	Budding, 1 blade.....	.75
303	2 Blade Saynor Pruning, stag handle.....	2.25
105	Pruner, 1 blade, steel band cocoa handle.....	1.10
727W	Budding, 2 blades.....	1.50
400	Saynor Budding, 1 blade.....	3.50
401	Saynor Budding, 1 blade.....	3.25
343	Saynor Budding, 2 blades.....	3.50
187	Saynor, 1 blade pruning.....	3.00
204B	Saynor, 1 blade budding.....	4.00



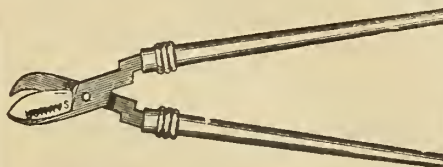
PRUNING SHEARS

No.	P.P. Weight	
109	Wiss, 8-in.....	\$4.25
65	Pexto American.....	2.00
R165	Pexto American.....	2.25
R170	Pexto American.....	2.50
14	Pexto Ladies' Nickeled 6½-in.....	1.50
0	American.....	.60
Spiral Springs for any of the above Pruning Shears, 15c. each; per doz., \$1.50. Parcel Post Weight, per doz., ½ lb.		
No.	P.P. Weight	
23	Henckel, 4½ in.....	\$1.75
23	Henckel, 6½ in.....	2.00
999	Michell's.....	3.00
290	Michell's.....	2.75
240	Michell's.....	2.50
30	Michell's.....	1.25
40	Michell's.....	2.00



LEVIN PRUNER No. 23

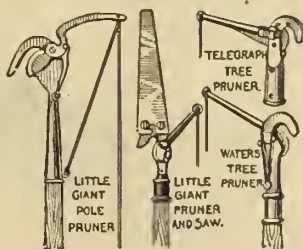
The handle of these shears afford a great deal of leverage, which makes very easy cutting possible. Price, \$1.00. Weight, 2 lbs.



LOPPING SHEARS

No. 109	English (see cut).....	\$6.50
No. 5400	Clyde Lopping Shear, 24-in. handle.....	3.50
No. 5400	Clyde Lopping Shear, 30-in. handle.....	4.00
No. 5406	Rockdale Lopping Shear, 26-in. handle.....	1.75
Rhodes	Double Cut.....	5.00

TREE PRUNERS



Disston's	Little Giant Pruner.....	\$2.50
	Parcel Post Weight, 3½ lbs.	
Disston's	Little Giant. With saw attachment.....	3.25
	Parcel Post Weight, 4 lbs.	

The above prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNER

Removable blade, which can be renewed when worn out for 20c. Price, plain, \$1.75. Parcel Post Weight, 2 lbs.

WATERS TREE PRUNERS

With removable cutting blade and pole complete.

4 feet.....	\$2.00
6 ".....	2.25
8 ".....	2.50
10 ".....	2.75
12 ".....	3.00

Extra Blades for Waters Pruners, 20c. each.

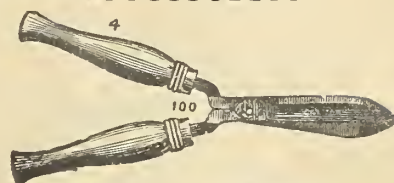
None of the above Tree Pruners except the Waters are equipped with poles or rope. Poles for Tree Pruners.

12 feet long, 1¼ inches diameter.....\$1.80

14 feet long, 1½ inches diameter.....2.00

Waters Pruners or Poles are not available.

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality. For complete list see our General Catalog.

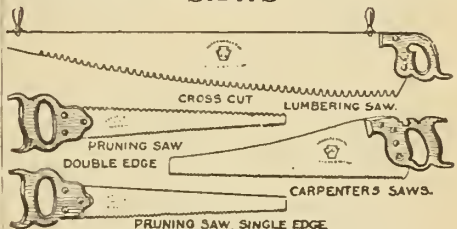


HEDGE SHEARS

No.	Plain Bolt	
1	6½-inch Ladies American.....	\$1.35
101	8 " American.....	2.25
101	9 " ".....	2.75
101	10 " ".....	3.00
101	12 " ".....	3.75
101	8 " English.....	3.25
101	9 " ".....	3.50
101	10 " ".....	4.00
101	12 " ".....	5.75

Lock Bolts, Nuts and Washers for hedge shears, 25c. each.

SAWS



CROSS-CUT LOG SAWS

One Man, 3½-foot blade.....	\$3.75
Two Man, 6-foot blade.....	6.25

CARPENTER SAWS

When ordering state if rip or cross-cut.
Disston No. 8—26-inch blade.....\$3.65
Disston No. 8—28-inch blade.....4.10

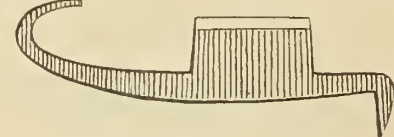
DISSTON PRUNING SAWS

	P. P. Weight	
18-inch. Double edge.....	2 lbs.	\$1.20
20 " ".....	2 lbs.	1.35
16 " Single ".....	2 lbs.	1.60
18 " ".....	2 lbs.	1.75
20 " ".....	2 lbs.	1.85
22 " ".....	2 lbs.	1.95



GRAFTING WAX

¼-lb., 15c.; 25c. per ½-lb.; 1 lb., 40c.; \$1.90 per 5 lbs.



GRAFTING TOOL

Parcel Post Weight, 1 lb.
Made of best steel, for grafting trees, etc.....\$0.75

PRUNING GLOVES

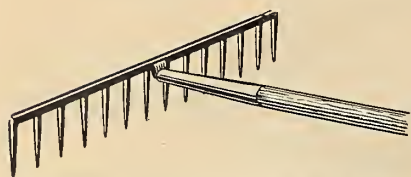
No. 216	Horse Hide, with Gauntlets, lined.....	\$2.50
No. 66	Horse Hide, with Gauntlets, not lined.....	2.40
No. 62	Buckskin, with Gauntlets, not lined.....	3.00

PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart.....	\$0.75
1 gallon.....	2.25

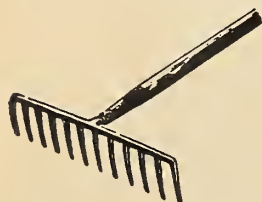
MICHELL'S FARM AND GARDEN TOOLS



STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

No.	No.
10—10 tooth...\$0.85	14—14 tooth...\$0.95
12—12 " "... .90	16—16 " "... 1.00
No. 18—18 tooth, \$1.10	



STEEL GRAVEL RAKES

These rakes are used for road-making and for paths. Having very short teeth they do not gather up stones or gravel.

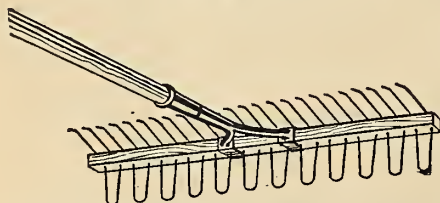
G12—12 tooth..\$0.95	G16—16 tooth..\$1.15
G14—14 " "... 1.05	G18—18 " "... 1.25
No. G20—20 tooth, \$1.35	



STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

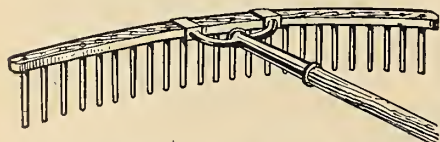
B12—12 tooth..\$0.95	B14—14 tooth..\$1.05
No. B16—16 tooth, \$1.15	



WIRE LAWN or GRASS RAKES

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible.

124R—24 tooth..\$0.90	36LR—36 tooth..\$1.35
No. 342—42 tooth, \$1.60	



OLE OLSEN LAWN RAKE

This rake head is slightly curved from the center to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26-tooth hickory wood. Price, \$1.10.

WOODEN RAKES

Ames, 37X, 24-tooth, steel bows; for lawns.....	\$1.35
Ames, 14-tooth wood bow, for hay....	1.15
Twenty-tooth, lawn; wire braced.....	.65

MARKING RAKES

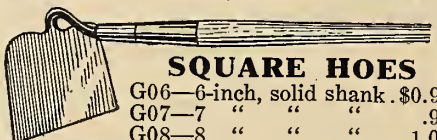
These are for marking out garden rows; adjustable brass teeth which are set for any width row desired up to 4½ feet. Price, \$6.50. (Extra teeth, 55c. each.)



HALF MOON HOES

Best steel solid sockets, which will not pull out.

HM3—3-inch...\$0.85	HM6—6-inch...\$1.00
HM4—4 " "... .95	HM7—7 " "... 1.00
HM5—5 " "... .95	HM8—8 " "... 1.05



SQUARE HOES

G06—6-inch, solid shank..\$0.90
G07—7 " " " " ".95
G08—8 " " " " " 1.00

WARREN HOES (Heart Shaped)

W7—7-inch.....\$1.00
W8—8-inch.....1.10

BABY WARREN (Weeder Style) ONION HOES (2 Prong)

Each, 65c.

SQUARE CELERY HOES

No. 10—10 inch.....\$1.65
No. K14½—14 inch.....2.00



SHOVELS

We handle only the very best makes of steel shovels. Every one guaranteed.

Short Handle

Ames, round point.....\$2.50
Ames, square point.....2.50
Red Edge, round point.....2.50
Red Edge, square point.....2.50
Portage City, round point.....1.60
Portage City, square point.....1.60

Long Handle

Ames, round point.....2.50
Red Edge, round point.....2.50
Portage City, round point.....1.60
Portage City, square point.....1.60



STEEL SPADES

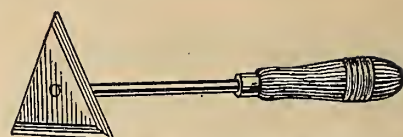
Ames, short handle.....\$2.50
Red Edge, short handle.....2.75
Nursery (Ames), short handle.....3.50
Portage City, short handle.....1.60
Boys'.....1.50



SPADING FORKS

Strapped shanks; short or D-wood handle. Made of best quality steel.

No. O H W. Men's 4-tine.....\$2.00
No. O H W 5. Men's 5-tine.....2.25
No. B 4 D. Boys' or Ladies' 4-tine..1.00
No. E B 4. English, 4-tine.....2.25



TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 65c.



WEEDERS

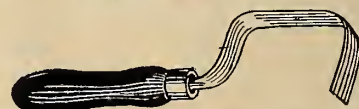
Eureka Weeding Fork (see cut above), 45c. each; doz., \$5.00.

Eureka Weeder, 45c. each; doz., \$5.00.

Magic Weeder, small, 20c. each; per doz., \$2.00; medium, 30c. each; doz., \$3.25. Large, \$1.25 each.

Excelsior Weeders, 22c. each; doz., \$2.25. Excelsior Weeding Forks, 20c. each; doz., \$2.25.

No. 1 3W Steel Weeder.



Hazeltine Weeder, 45c. each; doz., \$5.

MAKEFIELD WEEDER

A most practical tool, invented by a practical trucker; splendid for weeding among seedlings. Price, 50c.



DIBBLES

Iron, wood handle, each.....\$0.60
Brass, wood handle, each......90



JOHNSON TROWEL No. 211

These are made of one-piece steel blade and shank; equal to the imported trowels.
5-inch.....\$0.75 | 6-inch.....\$0.80
7-inch.....\$0.90

No. D. S. T. STEEL SHANK TROWEL

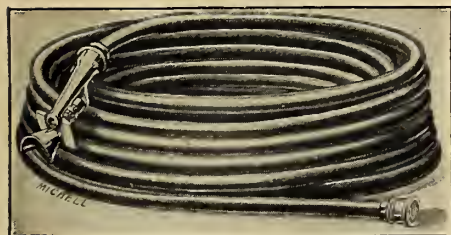
Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 75c. each; doz., \$8.00.

CLEVE'S ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.
5-in...\$0.20 | 6-in...\$0.25 | 7-in...\$0.30

MISCELLANEOUS TROWEL

213—5-in. Thin Steel. Each, 18c.; \$1.75 per doz.
213—6-in. Thin Steel. Each, 20c.; \$2.00 per doz.
Neverbreak—6-in., Heavy Steel. Each, 20c.; \$2.25 per doz.



RUBBER HOSE

Special attention is called to "Michell's Magic" Hose, a new brand, which, having been thoroughly tried out, has made good.

	Per Foot
*Michell's Special, 1/2 in.	\$0.15
" " 3/4 in.	.18
*Michell's Magic. Flexible; durable, uninkable, 3/4 in.	.28
Electric, 3/4 in.	.22
" 1/2 in.	.20
*Empire Red (corrugated) 3/4 in.	.22
Spray Pump Hose, 3/8 in.	.13 1/2

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

Hose Washers. 1 inch, 12c. per doz.; 1/4 lb., 40c.; \$1.50 per lb.; 3/4 inch, 8c. per doz.; 1/4 lb., 30c.; \$1.00 per lb.

HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

No.	Doz.	100
8—For 3-ply hose	\$0.35	\$2.25
6—For 4-ply hose	.35	2.25
P. Post Weight, doz., 1/4 lb.; 100, 2 1/4 lbs.		

HUDSON'S

3/4 inch	\$0.15	\$1.00
1/2 inch	.15	1.00
P. Post Weight, doz., 1/4 lb.; 100, 2 1/4 lbs.		

SURE GRIP

3/4 inch, 4c. each; per doz., 40c.; \$3.00 per 100.

Parcel Post Weight, doz., 1 lb.

BRASS HOSE COUPLINGS

	P. P. Wt.	Doz.	Pair	Doz.
1/2 inch	3 1/4 lbs.	\$0.25		\$2.75
3/4 inch	4 lbs.	.25		2.75

PERFECT HOSE COUPLINGS

Equipped with a clamp on the male and female part for securing to the hose; no band required; for 1/2- and 3/4-inch hose; mention which is wanted when ordering. 25c. pair; doz., \$2.85.

SNAP HOSE COUPLINGS

Snap Couplings. 32c. pair; doz. pairs, \$3.50. (Washers, 18c. doz.)

Parcel Post Weight, per doz., 2 1/2 lbs.

SNAP COUPLING PARTS

No. 2—Male, 12c. each; per doz., \$1.25. Parcel Post Weight, per doz., 1 1/4 lbs.

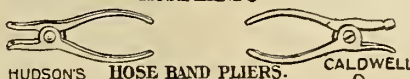
No. 1—Female, 20c. each; per doz., \$2.25. Parcel Post Wt., per doz., 1 1/4 lbs.

Washers for Snap Hose couplings, 18c. per doz.; per 100, \$1.25.

HOSE EQUIPMENT



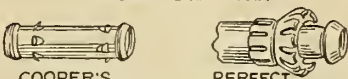
HOSE BANDS



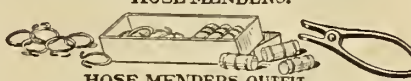
HOSE BAND PLIERS.



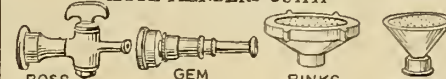
HOSE COUPLINGS.



HOSE MENDERS.



HOSE MENDERS OUTFIT



HOSE NOZZLES

ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 25c. each; doz., \$2.75.

Parcel Post Weight, per doz., 3 lbs.

No. 4 part, for attaching to hose, 45c. each; doz., \$4.75. Wt., doz., 3 lbs.

Couplings complete, consisting of one No. 3 and one No. 4 part, 70c. each; per doz., \$7.50. Wt., per doz., 6 lbs.

HOSE MENDERS

	Each	Doz.	100
Cooper's, 3/4 in.	\$0.10	\$1.00	\$6.50
" 5/8 in.	.10	1.00	6.50
" 1/2 in.	.10	1.00	6.50
Jones', 3/4 in. (iron)	.10	1.00	7.50
Hudson's, 3/4 in. (brass)	.07	.70	5.50
Hudson's, 1/2 in. (brass)	.06	.60	4.50

PERFECT HOSE MENDERS

For 1/2- and 3/4-inch hose, 12c. each; doz., \$1.25; \$9.00 per 100.

Parcel Post Weight, per doz., 1 1/4 lbs.

HOSE MENDING OUTFIT

(For 3/4-inch Hose)

Consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 75c. each.

Parcel Post Weight, 1 lb.

SIAMESE

HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. Price 75c. each.

Parcel Post Weight, 1 lb.

THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.75 each.

Parcel Post Weight, 1 1/4 lbs.

BOSTON SPRAY NOZZLE

(For 3/4-inch Hose)

	P. P. Wt.	Price
Light Copper	1/2 lb.	\$1.00
Heavy Brass	1 lb.	1.25

RAINBOW NOZZLE

An all-brass device with an adjustable arrangement, which regulates in a perfect manner the character of the stream this nozzle will throw. For 3/4-inch hose. (Parcel Post Weight, 1 lb.) Price, \$3.00

CHAMPION (Brass) NOZZLE

A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. P. P. Wt. 1/2 lb. 60c. each.

MYSTIC HOSE NOZZLE

3/4-inch hose. Regulated to give three different streams. Price 65c.

Parcel Post Weight, 1/2 lb.

ALLEN HOSE NOZZLE

Similar to the Mystic nozzle.

Parcel Post Weight 1/2 lb. Price, 65c.

ROSE NOZZLE

Useful for watering lawn and garden.

Parcel Post Weight 1/2 lb. Price, 35c.

UNIVERSAL NOZZLE

Similar to the Mystic nozzle; has an automatic shut-off.

Parcel Post Weight 1 lb. Price, \$1.50.

HOSE REDUCERS

Reduces 1-inch pipe to fit regular 3/4-inch hose. All brass.

Each.....\$0.70

Parcel Post Weight, 1 1/2 lbs.

HYDRANT ATTACHMENT

Used for attaching hose to smooth faucets.

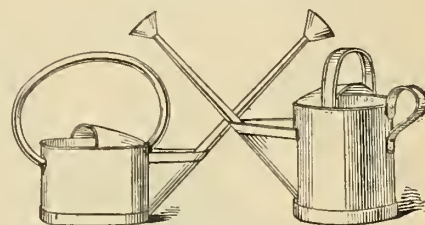
No. 2. For small spigot.....\$0.55

No. 3. For large spigot......55

Parcel Post Weight, 1/2 lb.

WATER CANS (Wotherspoon's)

Extra Heavy—With Long Spout—Will Last for Years



Each Wotherspoon can except the 2-qt. size, comes equipped with 2 roses, one coarse and one fine.

	Wotherspoon Make	Light Galvanized Make
	Round	Oval
2-quant.	\$1.75	.....
4 "	3.25	.....
6 "	4.10	\$4.40
8 "	4.40	4.70
10 "	4.70	4.95
12 "	4.95	5.25
16 "	5.25	5.80
12-qt. Manure Watering Can	5.25	
4-qt. Fern or Low Watering Can	2.75	
Extra Roses for Wotherspoon Watering Can, either coarse or fine	50c. each	

RUBBER APRONS

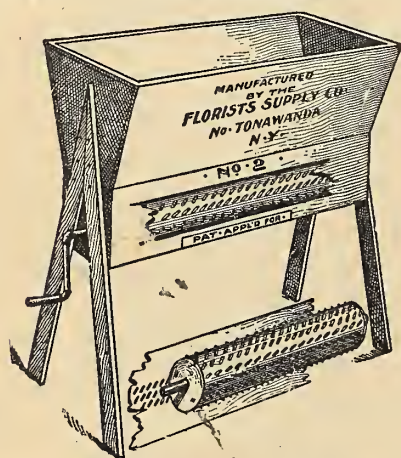
For watering, etc., made of extra heavy material; brass eyelets, \$3.25 each.

WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.



- No. 6. Single drawer, 12 in. long \$3.50
 7B. 20 in., single drawer, Brussels carpet 6.00
 10. Three drawers. (See cut) 9.00
Lehman Coal for Wagon Heaters, \$1.10
 per doz. bricks; per 100, \$7.75.
Tongs for Handling Hot Coals, 35c.



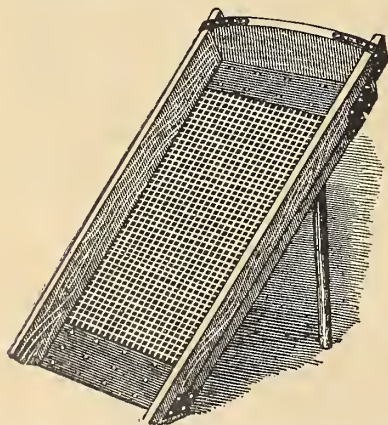
SOIL CRUSHER AND SOD PULVERIZER

The machines are equipped with a hopper and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift. No. 1, \$21.00 | No. 2, \$31.50 | No. 3, \$42.00

SIEVES (any size mesh)

Made extra well, of galvanized wire and hardwood.

- 20 inch Foundry (extra heavy) \$1.40
 20 inch Regular wire 1.50
 18 inch Regular wire 1.40



Large Upright Sieve, for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, \$14.50 each.

CLARK WAGON HEATER

This indestructible steel wagon heater is admirably suited to the needs of all who operate delivery wagons for goods subject to freezing. It yields a strong, steady heat without smoke or odor. Strong, safe and practical. Price \$3.00 each.



IRON PLANT STANDS

Have a tilting device so that plant may be set at any angle if desired. Enameled green.



Inch	Size of Plates	Price Each
12	5x 7	\$2.00
18	5x 7	2.15
24	8x10 1/2	2.75
30	8x10 1/2	2.85
36	8x10 1/2	3.15
42	8x10 1/2	3.15
48	8x12	3.50
60	8x12	4.00
72	8x12	4.25

EXTRA PLATES FOR IRON STANDS

Each	Each
5 inch \$0.40	10 1/2 inch \$1.00
7 inch ..... .55	12 inch 1.20
8 inch ..... .70	

HOT BED SASH

Made of best quality cypress, 1 3/4 in. thick; 3 ft. 1 1/2 in. wide, 6 ft. long. Made for 8x10 in. glass, 4 lights wide, bedded in putty. (Illustration shows only 3 lights.)

Plain, regular style, not glazed or painted. Each, \$4.75.

Glazed, regular style, including painting and puttying. Each, \$7.00.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

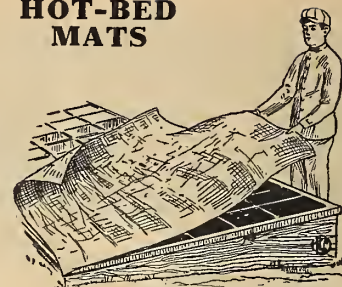
SUNLIGHT SASH (Double Glass)

Plain, Unglazed. Price upon application. Glazed and Painted. Price upon application. Packing Charges on Regular Style and Sunlight Glazed Sash, 50c. persash additional.

MOLE TRAPS

	Each
Olmsted	\$2.00
Reddick	1.10
Rittenhouse	1.35

HOT-BED MATS



The "Drill Style" are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Non-Waterproof. 76x76 inches, covering two regular size sash. Each, \$4.25; doz., \$48.00.

Non-Waterproof. 40x76 inches, for one sash. Each, \$3.00; doz., \$33.00.

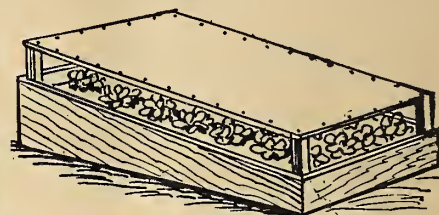
Waterproof Drill. 40x76 inches. \$3.25 each; doz., \$32.50.

Waterproof Drill. 76x76 inches. \$4.75 each; doz., \$50.00.

Straw Mats. 3x6 feet \$1.75

Straw Mats. 6x6 feet 3.25

SHADING OR PROTECTING CLOTH



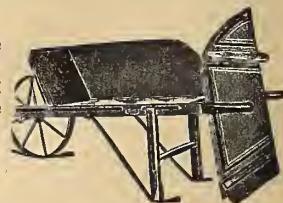
It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. per Piece	Price Per yd.	Price Per Pc.
Light. Brown cloth ..	.60	\$0.18	\$10.20
Medium. Brown cloth ..	.60	.24	13.20
Heavy. Brown cloth ..	.40	.40	15.20

WHEELBARROWS

Michell's Special Greenhouse

This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at hand hold 20 ins., which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, \$13.00.



OTHER WHEELBARROWS

	Tire	Lgth.	Depth	Width	Price
No.	in.	in.	in.	in.	
Victor	1	2 1/2	27	12 1/2	\$8.50
"	2	2 1/2	30	13	9.50
Boys'	2	2	21 3/4	9 1/4	7.00
Canal—Side dump (bolted)					6.50

It Must Make Good—Or Be Returned

No. 1 VERMOREL ECLAIR SPRAYER

For Greenhouse Work Especially

This remarkable Sprayer is a French invention, so simple in construction that there is practically nothing that can get out of order. It is new in the American market and is so perfect in operation that anything in praise we would write about it would not do justice.

It possesses every advantage of a compressed air sprayer without any of their annoying features. It is far superior to the ordinary knapsack sprayer. It looks and is built as tho' it would last a life time.

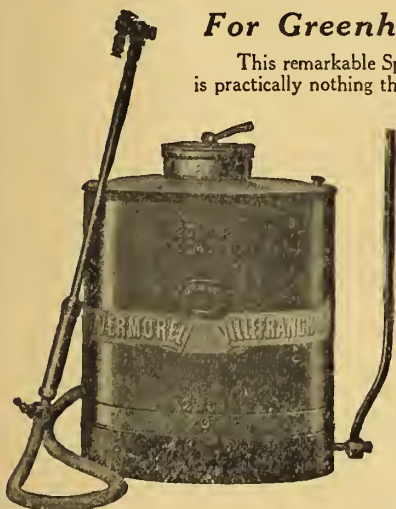
It is sold on the following terms:

You order it and we ship it—after you have used it for a week and do not feel it is the best investment you ever made in the line of a Sprayer—box it up, return it, and we will pay transportation both ways—refund your money if the transaction is paid—or credit your account if charged.

We would not dare do this if we were not pop-sure what this Sprayer will do.

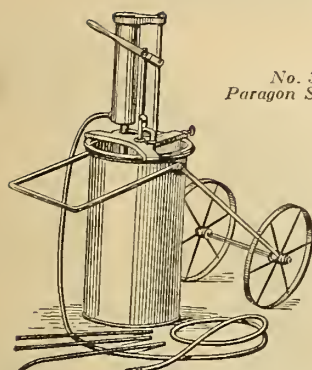
Made of copper—capacity about 5 gallons, complete directions for operating with each Sprayer.

Price to Florists and Market Gardeners for the Sprayer \$28.00. For a device for spraying the under side of foliage \$7.50. Money back if not satisfied.



MICHELL'S SEED HOUSE :: 518-516 Market St.

13,500—11-20—Lash.



No. 3
Paragon Sprayer

THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash or cold water paint.

No. 0—Capacity 3 gallons, equipped with 4 ft. of hose, 1 3-ft. extension pipe and 2 spray nozzles, \$15.00.

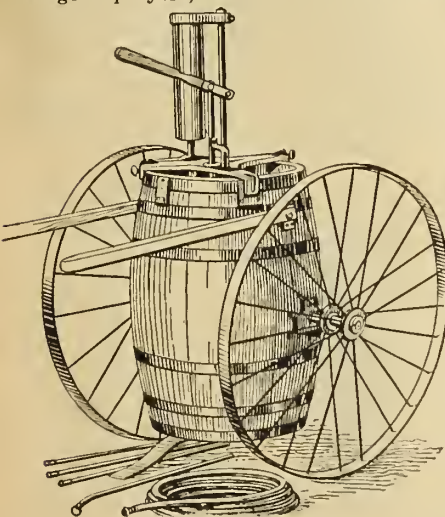
No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$20.00.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$30.00. Without truck, \$26.00.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. Complete, \$45.00.

No. 5—Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, 1 10-ft. iron extension pipe, 1 3-way spray nozzle and 1 single spray nozzle, no truck, \$50.00.

Extra Washers for pump plungers for Paragon Sprayers, 35c. each.



No. 4 Paragon Sprayer

SPRAY BUCKET PUMPS



No. 689 Perfect Success (with bucket fastener), \$8.00.

These are made entirely of brass except the foot rest, bucket fastener and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ¾-in. hose.

No. 256 Success (without bucket fastener), \$7.50.



No. 1 Vermorel Eclair Sprayer

No. 1 VERMOREL ECLAIR SPRAYER

A new French knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not the best purchase in this line you may return it at our expense and your account will be credited in full after you have given it a thorough trial. Price, \$28.00.

THE AUTO SPRAY

It operates by compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.



Auto Spray

No. 1-B—Brass; equipped with hose and Auto-Pop Attachment, \$10.25.

No. 1-D—Galvanized Iron; equipped with hose and Auto-Pop, \$7.50.

Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.35 each. \$1.80 complete with hose. P. P. weight, 1 lb.

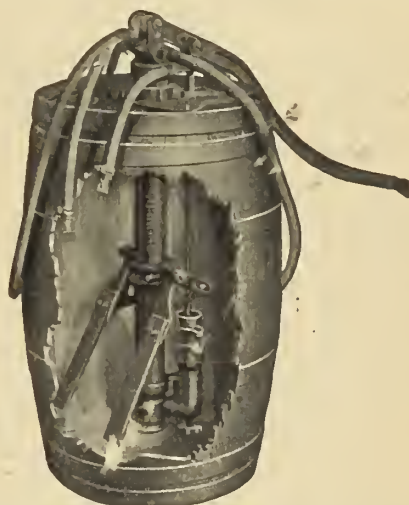
No. 22 BINKS Compressed AIR SPRAYER

Galvanized steel tank, 5 gallons capacity. Brass pumps with a patent clamping device, equipped with 3 ft. of hose, spray nozzle, shut-off cock and shoulder strap. P. P. weight, 15 lbs. Price, \$8.50.



GOULD SPRAY PUMPS

This make of spray pump has been favorably regarded among gardeners, farmers and fruit growers for years. The variety is great enough to fill every special and everyday need.



Gould's Pomona Spray Pump

Pomona. No. 1100. Plain barrel pump. Price, \$22.50.

Pomona. No. 1100. Outfit C, with agitator 15 ft. ½-in. special spray hose and 1 Mistry, Jr. Nozzle. Price, \$28.50.

Pomona. No. 1100. Outfit D, with agitator and 2 15-ft. leads of special ½-in. spray hose and 2 Mistry, Jr. Nozzles. Price, \$35.00.

Gould's Fruitall. Fig. 1188. Plain barrel pump, \$12.50.

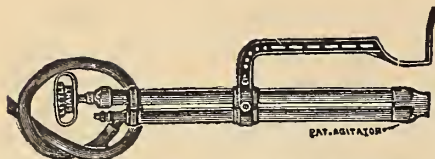
Gould's Fruitall. Fig. 1188 (Outfit C), with agitator and 1 15-ft. lead of ½-in. special spray hose and 1 Mistry, Jr. Nozzle. Price, \$18.75.

Gould's Fruitall. Fig. 1188 (Outfit D), with agitator and 2 15-ft. leads of ½-in. special spray hose and 2 Mistry, Jr. Nozzles. Price, \$25.00.

A complete line of Insect Destroyers will be found on pages 82 and 83.

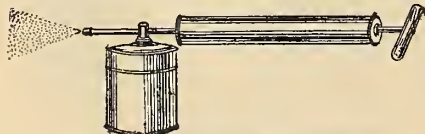
BOOKS ON SPRAYING

Spraying Crops (Weed)\$0.80
Spraying of Plants, The (Loderman) 1.50

**MYER'S BUCKET PUMP**

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$6.00, including hose and nozzle.

**HAND SPRAYERS**

Automatic (Compressed Air). See cut. Very easily operated.

Tin, each, \$1.10 | Brass, each, \$2.10

Cyclone Sprayer. Similar to the above but with no automatic air reservoir.

No. 112, tin, each, 55c.; No. 114, brass, each, \$1.15.

No. 22. **Brown's Hand Sprayer.** Tin, 90c.

Robertson's Sprayer. Galvanized tank, furnishes a continuous spray, with an adjustable nozzle, for spraying underneath foliage, \$1.50 each.

**HEAVY BRASS SYRINGES**

	P.P. Weight	Price
99—1½-in. diam., 18-in. long, 1 spray.....	1¾ lbs.	\$3.90
101—1¼-in. diam., 14-in. long, 2 sprays.....	2 lbs.	4.20
101A—1½-in. diam., 16-in. long, 2 sprays.....	2¼ lbs.	4.50
110—1¾-in. diam., 20-in. long, 2 sprays.....	4½ lbs.	9.60
120—1¾-in. diam., 20-in. long (Adjustable)....	5 lbs.	11.40

**EXTENSION PIPES, ETC.**

For reaching into trees (¾-in. threads).

Bamboo, with brass tube, 8 feet.....\$3.25

" with brass tube, 10 ft..... 4.25

Galv. Iron, 2 ft., for Auto Sprays.... .50

Brass, 2 ft., for Auto Sprays..... .65

Pet Cock, for extension pipes..... 1.00

Paragon Extensions, 2½ ft..... .55

SPRAY NOZZLES (¾ inch Thread)

Bordeaux.....\$0.85

Vermorel..... .90

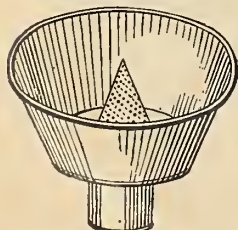
Mistry, Jr...... 1.25

Paragon style..... .50

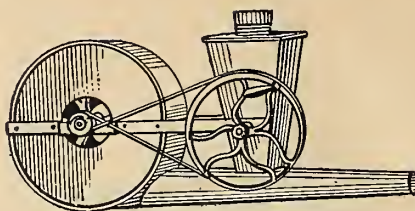
" nozzle caps..... .20

If nozzles are wanted for ¾-in. hose connections, add 60c. to above prices.

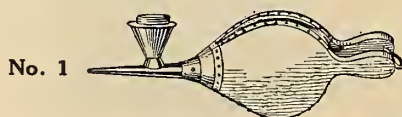
We can also furnish Duplex, Triplex and Quadruple nozzles.

**COPPER STRAINER**

For straining whitewash, spraying material, etc., \$1.35 each. Parcel Post weight, 1 lb.

**SULPHUR BLOWER**

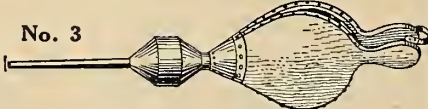
For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. Price \$7.00.



No. 1



No. 2



No. 3

BELLOWS

P. P. Weight

No. 1. Small Single Cone.....2 lbs. \$2.75

No. 2. Sulphur Bellows..... 3.50

No. 3. Large Double Cone....5 lbs. 6.00

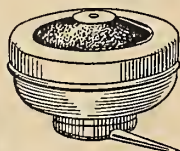
Large Single Cone.....3 lbs. 4.00

**PARIS GREEN SHAKERS**

For dusting vegetables, potatoes, etc.

B. D. Style. Made of tin, suitable for all powdered insecticides. (P. P. Wt., 3 lbs.) 70c.

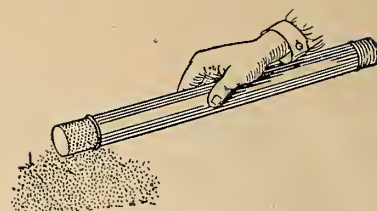
Farmer's Favorite. (See cut.) Large double-action affair, \$3.25 each. P. P. wt., 4 lbs.

WHIRLWIND POWDER GUN

Very useful for distributing dry powder.

Price, 30c.

P. P. Weight, 8 ozs.



Dicky Duster (see cut). Excellent for distributing Bug Death, Slug Shot, etc. Price, 50c.; P. P. weight 1 lb.

**UTILITY DUSTER**

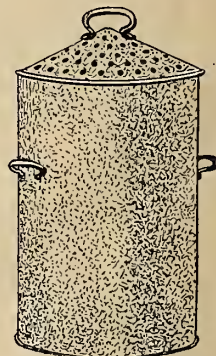
Used for the application, in dry form, of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined cut gears. Provided with tubes, connections and nozzles as illustrated; also an adjustable carrying strap. Price, \$12.00.

VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen, Nico-Fume and other preparations of this sort. 75c. each; doz., \$8.00. P. P. weight, 1 lb.



Vaporizing Lamp



Perfection Fumigator

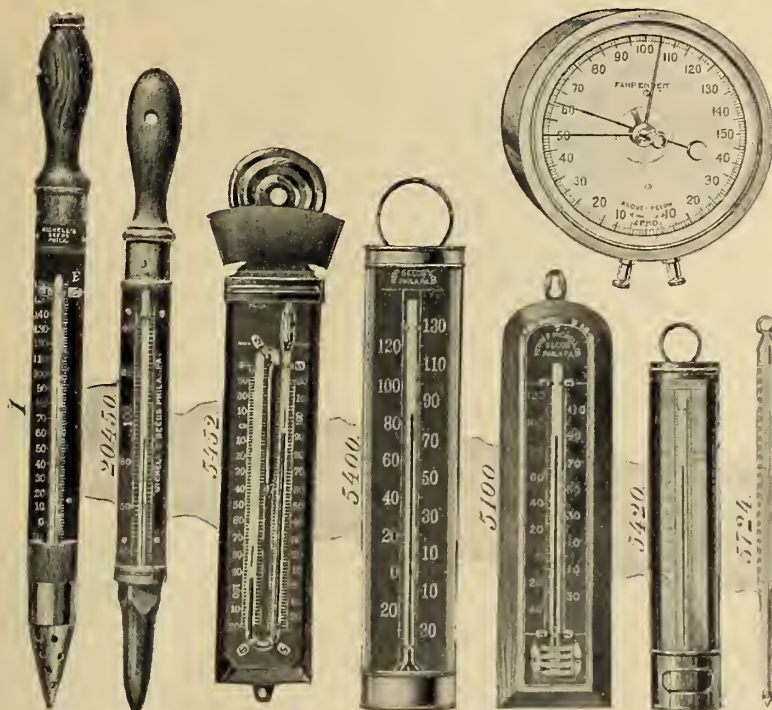
FUMIGATORS
Perfection Make

Fitted with a water tank to prevent burning out.

No.	Feet	
1 for house, 12x 40		\$7.50
2 for house, 15x100		8.50
3 for house, 20x100		10.50
5 for house, 20x150		12.50

Eureka Make

No.	Feet	
1 for house, 10x 40		\$4.00
2 for house, 15x 50		5.00
3 for house, 15x100		6.25
4 for house, 20x100		8.00



THERMOMETERS

No. 5452—Maximum and Minimum. Registering the coldest and the warmest points during the previous night. 8-in. each, \$4.50; 10-in. each, \$5.25.

Tested grade. These are accurate and may be depended upon. Each Doz.

No. 5420—8 in., Tin Case.... \$1.10 \$12.00

No. 5420—10 " " " " 1.25 14.00

No. 5420—12 " " " " 1.50 16.00

No. 5400—8 in., Genuine Copper Case..... 1.60

No. 5400—10 in., Genuine Copper Case..... 2.00

No. 5100—8 in., Wood Back, Black Scale..... 1.75

No. 5100—10 in., Wood Back, Black Scale..... 2.00

DAIRY THERMOMETER

No. 5724—For use also in testing soil temperature, each.....\$0.75

HOTBED THERMOMETERS

No. 20450—Galvanized Iron Point, each.....\$2.00

No. 1—Brass Point, wood case, paper scale..... 1.75

THERMOSTATS

•No. 1—Thermostat. This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Not water-proof style, G. H. 3, \$11.00; G. H. 4, water-proof style, \$16.00.

PAPER FOR FLOWERS

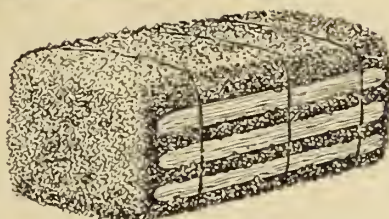
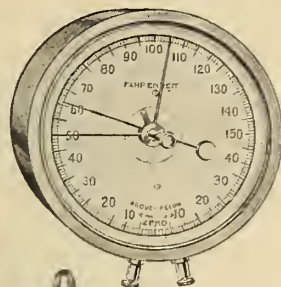
Sheets per

Manilla. For wrapping... 480 \$0.14 \$3.50

Manilla. Tissue..... 480 .35 2.75

Wax. White. Best quality, 24x36 inches..... 480 .50 4.50

Wax. Green. Best quality, 24x36 inches..... 480 .65 5.50



MOSS

We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Peck, 40c.; \$1.25 per bush.; per bbl., \$2.75.

Sphagnum, Dry. Barrel bales, \$1.25.

Sphagnum, Dry. 5-barrel bales, \$3.75. (5 bales for \$18.00.)

Green Lump. Peck, 40c.; \$1.25 bushel; bbl. bag, \$2.50.

Green Sheet. 50c. per peck; bushel, \$1.50; \$3.00 per bbl. sack.

CARNATION MENDING DEVICES

Staples. For calyx mending, 35c. per 1000; 5000 for \$1.50; \$2.80 for 10,000; 25,000 for \$6.50; \$12.50 for 50,000.

Rubber Bands. Ounce, 25c.; 85c. per ¼ lb.; ½ lb., \$1.60; \$3.00 per lb.

Bauer Carnation Outfits

Pliers and 1000 clips, \$2.50.

Pliers, each, \$2.00.

Clips, 85c. per 1000; \$3.75 per 5000.

TINFOIL

Width Lb. 5 Lb.10 Lb.

Plain (5 lb. rolls)...5-in. \$1.25

Plain.....5-in. \$0.22 1.05 2.00

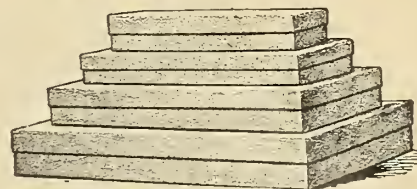
Plain.....6-in. .22 1.05 2.00

Violet Foil.....6-in. .50 2.40

Green Foil.....6-in. .50 2.40

Patent Cutter for rolls of Tinfoil, 60c.

Ask for prices on large quantities of foil.



CORRUGATED PAPER

CUT-FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones.

Special sizes to order in lots of not less than 100 of a kind. Price on application.

	Each	Doz.	100
48x14x8 inch.....	\$0.75	\$8.50	\$60.00
42x14x8 " " " " " "	.65	7.25	55.00
36x14x6 " " " " " "	.60	6.00	42.50
30x 8x5 " " " " " "	.40	4.25	27.50
24x 8x5 " " " " " "	.35	3.50	25.00

If corrugated boxes are ordered shipped, a slight charge is made for packing.

CUT-FLOWER BOXES

Heavy Style

For counter use; mist green, lined white inside. The sizes offered in this finish are carried in stock, other sizes in this finish, also in manilla, mist tan and oxford gray can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipped from factory in about two weeks. Printing is charged for at cost.

L.	W.	D.	Doz.	100
18x	5x3	inch.....	\$1.00	\$7.00
24x	5x3½	" " " " " "	1.35	9.50
24x	8x4	" " " " " "	1.75	12.00
28x	8x5	" " " " " "	2.25	16.00
30x	10x6	" " " " " "	3.25	23.00
30x	12x7	" " " " " "	3.50	28.00
36x	8x5	" " " " " "	3.00	21.50

LIGHT WEIGHT PAPER BOXES

16x4	x3	inch.....		
18x5	x3	" " " " " "		
18x7	½x3½	" " " " " "		
20x4	x3	" " " " " "		
21x5	x3½	" " " " " "		
21x8	x4	" " " " " "		
23x7	x3½	" " " " " "		
24x5	x3½	" " " " " "		
24x6	x4	" " " " " "		
24x8	x4	" " " " " "		
24x8	x5	" " " " " "		
30x5	x4	" " " " " "		

Prices upon application

HEAVY WEIGHT PAPER BOXES

23x12x5	inch.....		
28x 8x4	" " " " " "		
28x 8x5	" " " " " "		
30x 9x4	" " " " " "		
30x 9x6	" " " " " "		
30x12x6	" " " " " "		
30x14x6	" " " " " "		
36x 6x5	" " " " " "		
36x 8x5	" " " " " "		
36x12x6	" " " " " "		

Prices upon application

VIOLET AND CORSAGE BOXES

	Doz.	100
8 x 5 x 5.....	\$1.00	\$7.25
9 x 6 x 5.....	1.25	8.00
12 x 6 x 5.....	1.35	9.50
12 x 10 x 6.....	2.00	13.25
15 x 6 x 5.....	1.65	11.00

SPECIAL NOTE.—There is no charge for printing boxes when the order amounts to 500 or more in one or assorted sizes; if less are ordered the charge for printing in one color, is \$2.00 for the lot. We can also supply felt board boxes and wreath boxes. Prices on application.

MICHELL'S SUNDRIES FOR FLORISTS, ETC.

PLANT STAKES

No. 10 Steel Wire, Galvanized

2 foot.....	4 foot.....
2½ ".....	4½ ".....
3 ".....	5 ".....
3½ ".....	6 ".....

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

2 foot.....	4 foot.....
2½ ".....	4½ ".....
3 ".....	5 ".....
3½ ".....	6 ".....

At the time of printing this catalog, no firm price was established by the manufacturers on steel plant stakes, so that prices had of a necessity to be omitted. We shall be pleased to make quotations on request.

GREEN PAINTED TAPERING PLANT STAKES

	Doz.	100		Doz.	100
1½ foot.....	\$0.30	\$1.90	3½ foot.....	\$1.20	\$8.40
2 ".....	.50	3.50	4 ".....	1.40	10.00
2½ ".....	.70	5.10	5 ".....	1.80	13.25
3 ".....	1.00	6.75			

GREEN PAINTED HEAVY OR DAHLIA STAKES

	Doz.	100		Doz.	100
3 foot.....	\$1.50	\$10.75	5 foot.....	\$2.40	\$18.25
3½ ".....	1.80	12.38			
4 ".....	1.95	14.25	6 ".....	3.00	22.40

SQUARE PAINTED PLANT STAKES

	Doz.	100		Doz.	100
1½ foot...\$0.23	\$1.65	3½ foot...\$1.00	\$7.25		
2 "......35	2.50	4 "......1.10	8.75		
2½ "......50	3.75	5 "......1.65	12.75		
3 "......90	6.50	6 "......1.90	14.75		

STAKE FASTENERS

Everlasting. Heavy, \$2.00 per 500; 1000, \$3.50.
Eureka. Light, \$2.50 per 1000.

Everlasting Fastener

HYACINTH STAKES (Wood) Dyed Green

	1000	5000	10000
5 inch.....	\$1.00	\$4.50	\$8.50
12 inch.....	2.00	9.50	18.50
18 inch.....	2.75	13.25	26.00

CANE STAKES

	100	500	1000
Southern, about 6 to 7 ft., selected.....	\$1.25	\$5.50	\$10.00

JAPANESE CANE STAKES. Very thin.

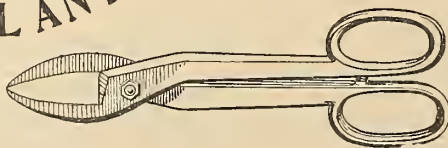
	Natural	Green		100	1000
2½ foot.....	\$1.00	\$8.50	1½ foot.....	\$0.65	\$5.50
3 ".....	1.25	10.00	2 ".....	.85	7.50
4 ".....	1.50	12.00	2½ ".....	1.10	9.25
5 ".....	1.60	14.00	3 ".....	1.35	11.00
6 ".....	1.75	16.00	3½ ".....	1.50	12.75
			4 ".....	1.65	14.00
			5 ".....	1.85	16.50

BUSCHARDT'S WIRE PLANT TIE

Takes the place of twine; can be used more quickly and on several occasions. Per 1000, \$2.25; \$10.00 for 5000.

WIRE SNIPS

	Each		Each
No. 833—7½ in. blade, short.....	\$1.35	No. 832—8 inches, long blade.....	1.35
8 inches, heavy, P. P. Wt. 1 lb.....	1.40	No. 12—10 inches, heavy. P. P. Wt. 2 lbs.....	2.25



RAFFIATAPE



This article is made of a composition of paper and linen, and is tremendously strong. It is about ⅛-in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green.

Per bolt of 250 yards, \$0.90; 6 bolts, \$5.00.

HEADQUARTERS FOR RAFFIA

We make a careful selection of long, broad strands for our trade.

Natural Color. 22c. per lb.; 5 lbs. at 21c. per lb.

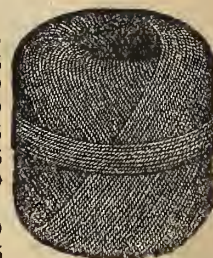
Green Raffia. 85c. per lb.; 5 lbs. for \$4.00.

FLORISTS' SPECIAL PEERLESS TWINE

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools, \$1.10; 5 lbs., \$5.25.

TWINES, ETC.

	Per Ball	Per Lb.
No. 18. Italian.....	\$0.30	\$0.60
No. 24. ".....	.28	.55
No. 36. ".....	.28	.50
Jute, 2-ply and 3-ply.....	.20	.40
Linen Bouquet, 3 lbs., \$2.40.....	.12	.85
Green Sea Island.....	.18	1.25
Jefferson White Cotton, 4-ply.....	.15	.80
Tarred. For Mat making.....	.35	
Tarred Sisal. For Fodder.....	.30	
Binder.....	.25	

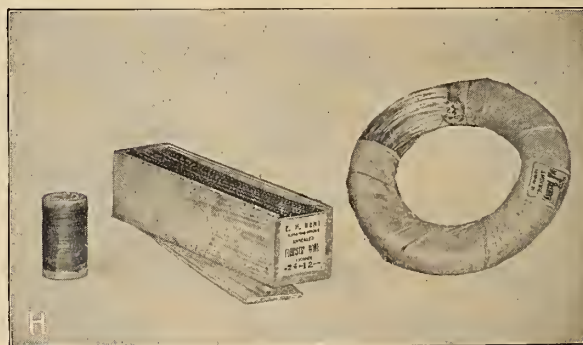


No. 6. Express. Very heavy. .35 Per ball
No. 4½ Japanese Twine. Medium heavy.....\$0.25

Green Silkline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse, per spool, 30c.; \$2.25 per lb. (8 spools).

Silkline Substitute. A green linen thread, very similar to Silkline; fast color. Per ¼-lb. spool, 35c.; per lb., \$1.20.

Smilax Twine, in 2-ounce spools, green, packed 1 lb. per box, 20c. per spool; per lb., \$1.40; \$6.75 for 5 lbs.; 10 lbs., \$13.00.



WIRE (Price Subject to Change)

ANNEALED	GALVANIZED
No. 16 per 12-lb. stone...\$1.50	No. 16 per 12-lb. stone...\$1.75
No. 18 per 12-lb. stone... 1.75	No. 18 per 12-lb. stone... 2.25
No. 20 per 12-lb. stone... 2.00	No. 19 per 12-lb. stone... 2.35
No. 22 per 12-lb. stone... 2.25	No. 20 per 12-lb. stone... 2.50
No. 24 per 12-lb. stone... 2.50	No. 22 per 12-lb. stone... 2.75
No. 19, Tinned, cut to 8½ in. long, 10-lb. box.....	2.75

CUT BOUQUET WIRE

For Stemming Flowers, Etc.

No. 20. Cut, 9, 12 or 18 in. long, 25c. per lb.; per box, 12 lbs., \$2.75.
No. 22. Cut, 9, 12 or 18 in. long, 27c. per lb.; per box, 12 lbs., \$3.00.
No. 24. Cut, 9, 12 or 18 in. long, 30c. per lb.; per box, 12 lbs., \$3.25.

MICHELL'S WIRE DESIGNSCarefully and
Substantially Made

WHEN ORDERING PLEASE STATE NUMBER AND SIZE

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold.

ANCHORS—FLAT

No. 1

In.	Each	25	100	In.	Each	25	100
10	\$0.20	\$3.75	\$13.00	20	\$0.40	\$8.00	\$30.00
12	.22	4.50	15.00	22	.45	10.00	36.00
14	.25	5.00	17.50	24	.50	11.00	42.00
16	.30	6.00	21.00	30	1.25	25.00	90.00
18	.35	7.00	24.00	36	1.75	37.50	140.00

ANCHORS ON BASE

No. 3

STANDING ANCHORS

Measure not including base

In.	Each	25	100	In.	Each	25	100
10	\$0.30	\$6.00	\$21.00	20	\$0.55	\$13.00	\$48.00
12	.35	7.00	24.00	22	.70	16.00	60.00
14	.40	7.50	27.50	24	.90	21.00	78.00
16	.45	9.50	35.00	30	1.50	32.50	120.00
18	.50	10.50	38.00	36	2.50	57.50	198.00

ANCHOR AND CROSS

No. 13

In.	Each	25	100	In.	Each	25	100
12	\$0.20	\$4.25	\$15.00	21	\$0.40	\$8.50	\$30.00
15	.25	5.00	17.50	24	.50	10.00	36.00
18	.30	6.00	21.00				

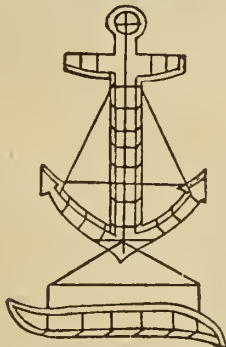
ANCHOR AND CROSS STANDING

Measure not including base.

In.	Each	25	100	In.	Each	25	100
12	\$0.40	\$7.50	\$27.50	21	\$0.55	\$13.00	\$48.00
15	.45	8.00	29.00	24	.70	16.00	60.00
18	.50	10.50	38.00				

ANCHOR ON RECLINING STAND

No. 2



In.	Each	25	100	In.	Each	25	100
12	\$0.45	\$10.00	\$35.00	20	\$0.65	\$15.00	\$55.00
14	.55	11.00	41.00	22	.85	18.75	70.00
16	.60	12.50	47.00	24	1.25	25.00	90.00
18	.65	14.00	53.00				

CROSSES (FLAT) No. 47

In.	Each	25	100	In.	Each	25	100
12	.13	2.75	9.50	20	.17	3.75	12.50
14	.14	3.00	10.00	22	.18	4.00	13.50
16	.15	3.25	10.50	24	.20	4.50	14.50
18	.16	3.50	11.50	26	.22	4.75	17.00
20	.17	3.75	12.50	28	.25	5.25	18.00
22	.18	4.00	13.50	30	.30	7.00	24.00
24	.20	4.50	14.50	32	.40	8.00	29.00
26	.22	4.75	17.00	34	.45	10.00	35.00
28	.25	5.25	18.00				
30	.30	7.00	24.00				
32	.40	8.00	29.00				
34	.45	10.00	35.00				

For moss, tinfoil and toothpicks, see page 78. For stemming wire, see page 80.

CROSSES ON STAND

No. 75

In.	Each	25	In.	Each	25
10	\$0.25	\$5.00	22	\$0.55	\$12.00
12	.30	5.50	24	.65	13.50
14	.35	6.00	26	.75	15.00
16	.40	7.50	30	1.00	21.00
18	.45	9.00	36	1.50	30.00
20	.50	10.50			

CROSSES, FLAT SLANTING

In.	Each	25	In.	Each	25
12	\$0.15	\$2.75	22	\$0.40	\$5.50
14	.20	3.00	24	.45	6.00
16	.25	3.25	26	.50	7.50
18	.30	3.50	30	.55	8.50
20	.35	4.00	36	.65	12.50

CASKET CROSSES

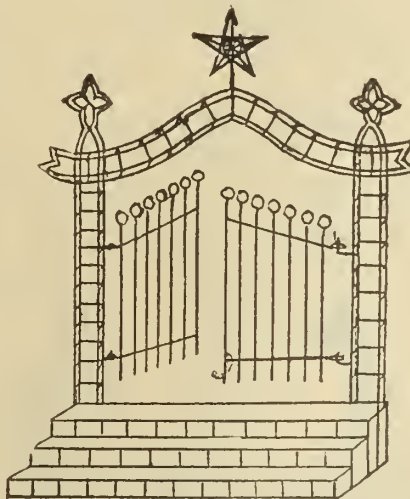
No. 71

In.	Each	25	In.	Each	25
12	\$0.20	\$3.00	24	\$0.40	\$7.50
14	.25	3.60	26	.45	8.50
16	.30	4.20	30	.50	9.00
18	.35	4.80	34	.60	12.00
20	.40	5.40	36	.65	13.50

CROSS ON RECLINING STAND, WITH LETTERING FRAME

No. 78

In.	Each	25	In.	Each	25
12	\$0.45	\$9.00	24	\$1.00	\$19.50
14	.50	10.50	26	1.25	22.50
16	.60	12.50	28	1.40	25.50
18	.75	13.50	30	1.75	33.50
20	1.00	15.00			

**GATES AJAR**

No. 113. Single Gates.

Whole Heights, Steps and Star, include measure.

15	inch high, 1	step.....	each	\$1.25
18	" " 1	" " " " " "	"	1.30
21	" " 2	steps.....	"	1.45
24	" " 2	" " " " " "	"	1.75
27	" " 2	" " " " " "	"	2.00
30	" " 3	" " " " " "	"	2.50
33	" " 3	" " " " " "	"	3.00

CRESCENT

No. 58

In.	Each	25	In.	Each	25
8	\$0.15	\$2.50	10	.20	3.25
10	.20	3.25	12	.25	3.75
12	.25	3.75	14	.30	5.00
14	.30	5.00	16	.35	6.00
16	.35	6.00	18	.40	7.00
18	.40	7.00	20	.45	7.50
20	.45	7.50	22	.50	8.00
22	.50	8.00	24	.55	10.00

**CRESCENT AND STAR ON STAND**

No. 61

In.	Each	25	In.	Each	25
10	\$0.55	\$10.00	12	.60	11.00
12	.60	11.00	14	.65	12.50
14	.65	12.50	16	.70	13.50
16	.70	13.50	18	.85	17.50
18	.85	17.50	20	1.25	25.00
20	1.25	25.00	22	1.50	27.50
22	1.50	27.50	24	1.75	30.00

EASELS

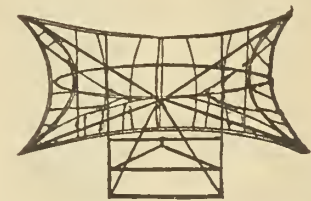
No. 92

A very pretty Stand for Designs.

In.	Each	25	In.	Each	25
15	\$0.15	\$2.50	27	\$0.25	\$4.50
18	.18	3.00	30	.30	6.00
21	.20	3.30	36	.45	9.00
24	.25	3.60			

HORSESHOES No. 129

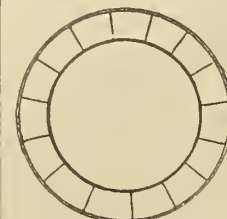
In.	Each	25	In.	Each	25
12	\$0.25	\$4.50	24	\$0.65	\$13.50
14	.30	5.95	26	.80	16.50
16	.35	6.90	28	1.00	19.50
18	.40	7.50	30	1.25	22.50
20	.45	9.00	33	1.50	30.00
22	.50	10.50	36	1.75	37.50

**PILLOWS—FLAT No. 169**

In.	Each	25	In.	Each	25
10	\$0.20	\$3.00	20	\$0.45	\$9.00
12	.25	4.00	22	.50	10.50
14	.30	4.75	24	.60	13.50
16	.35	6.25	26	.75	16.50
18	.40	7.75	28	1.00	19.50

WREATHS No. 220

In.	Each	25	In.	Each	25
8	\$0.10	\$2.00	10	.12	2.25
10	.12	2.25	12	.15	2.75
12	.15	2.75	14	.20	3.00
14	.20	3.00	16	.25	3.25
16	.25	3.25	18	.30	4.50
18	.30	4.50	20	.35	5.50
20	.35	5.50	22	.40	8.00
22	.40	8.00	24	.45	9.00



All Prices Subject to Market Changes.

oh



Toothpick Holder

WIRED TOOTHPICKS

Regular Size, 40c per 1000; 10,000, \$2.75.
6-inch Size, dyed green, box of 375, 30c;
\$2.00 per box of 3000.

Plain Toothpicks, 10c bx.; 6 bxs., 55c.

WIRED TOOTHPICK HOLDER

A handy devise for holding wired toothpicks. See illustration above. Price \$2.50.

CARNATION SUPPORTS

Model, 2-Ring Support

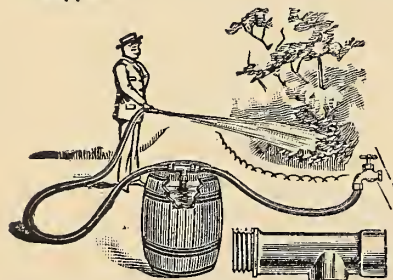
The Model, hereshown, is one of the most popular on the market. Can be put together in a minute and is always satisfactory; 24 in. high.

Richmond, double
Price upon application.

Richmond, single
Price upon application.

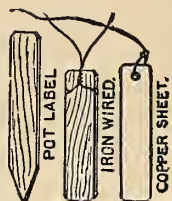
Model, 2-ring
Price upon application.

Model, 3-ring
Price upon application.

**LIQUID MANURE DISTRIBUTOR**

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it.

Price, \$2.50 each. (P. & P. Wt., 2 lbs.)

**WOOD TREE LABELS, ETC.**

Parcel Post Weight on Tree Labels, 1/2 lb. per 100.

Iron Wired. 100 1000
Plain....\$0.20 \$1.65

Iron Wired.
Painted... .25 2.05

Copper Wired. Plain..... .25 2.05
Painted..... .35 2.60

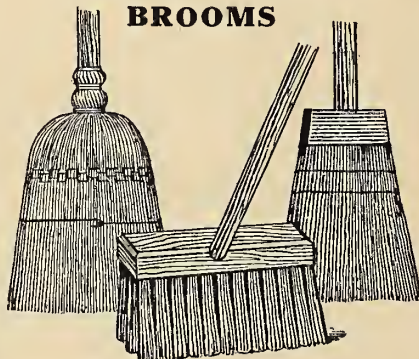
Copper Sheet, wired, 25c doz.; 100 \$1.50

Zinc Sheet, wired, 25c doz.; 100 1.50

Indelible Marking Pencils, each.... .15

PAINTED POT LABELS

No. in pkg.	P. P. Wt.	100	1000
4 inch..1000...	1/2 lb.	\$0.20	\$1.65
4 1/2 inch..1000...	1/2 lb.	.25	1.95
5 inch..1000...	1/2 lb.	.30	2.15
6 inch..1000...	3/4 lb.	.35	2.65
8 inch..250...	2 lb.	.95	7.75
10 inch..250...	2 1/2 lb.	1.20	10.10
12 inch..100...	3 lb.	1.40	12.00
18 inch for field use.....		3.25	30.00

BROOMS

No. 230 Japanese Fibre (see cut).....\$0.75

No. 8 Corn and Rattan mixed..... .90

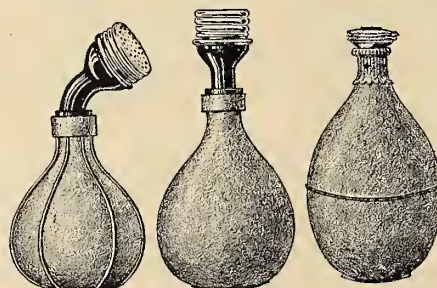
Golf Greens (Birch)..... .30

No. 7 Plain corn, extra quality (see cut)..... .75

ROAD BRUSHES (With Handles)

No. 271 Rattan Push, 14 in. (See cut)..\$1.35

No. 0286 Bass or Cocoa Push, 14 in. . 1.35

RUBBER SPRINKLERS

Spraywell

Scollay

SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc. Either Straight or Crook Neck.

Spraywell Style— 6 ozs. capacity...\$0.75

“ “ 8 ozs. capacity... .85

“ “ 10 ozs. capacity... 1.10

No. 1 Scollay—10 ozs. capacity..... 1.35

VASES

For holding cut flowers on cemetery lots, etc.

**IRON, PAINTED GREEN**

No.	Wt.	Each.	Doz.
6 Large.....	4 lb.	\$0.60	\$6.75
5 Med.....	2 lb.	.50	5.75
4 Small.....	2 lb.	.40	4.50
6 Galv. Iron, Large.....	4 lb.	.75	8.75
5 Galv. Iron, Medium.....	2 lb.	.65	7.50
4 Galv. Iron, Small.....	2 lb.	.45	5.00

TIN ENAMELED

Color, rich green; will not burst in cold weather.

No. Wt. Each Doz.
1 Large 1/2 lb. \$0.30 \$3.00

Tin Enameled Vase

**WEDGEWOOD JARDINIERS**

Made of wood-fibre, water-proofed, substantial and durable; decorated in many designs and printed in several wedgewood colors.

No.	Doz.	100
4 for 4-in. pot..	\$1.35	\$9.90
5 “ 5-in. “ .	1.75	13.20
6 “ 6-in. “ .	2.40	16.50

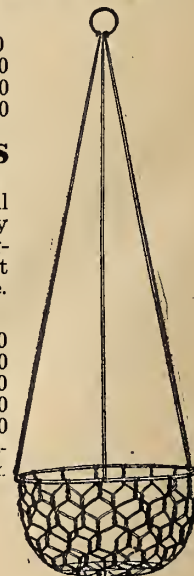
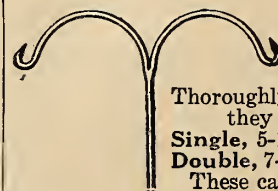
WIRE BASKETS

Complete with Hanger.

These are extra well made and will last many years; they will often suggest a sale, if filled, that is otherwise not made.

Each	Doz.	100
8 in. \$0.25	\$2.40	\$17.00
10 in. .35	3.50	25.00
12 in. .55	5.50	40.00
14 in. .65	6.75	50.00
16 in. .75	8.25	62.50

Six Wire Hanging Baskets of a size at dozen rate; 50 at 100 rate.

**BASKET HOOKS**

Thoroughly galvanized so they cannot rust.

Single, 5-16 in. thick, \$0.85

Double, 7-16 in. thick, 1.25

These cannot be mailed.

THE KIRKE SYSTEM

Of Applying Insecticides, Fungicides, Fertilizers and Salt to Plants



Showing how the Kirke Fertilizer and Insecticide Cartridge Holder is Attached to Spigot.

This system consists of a nickel plated receptacle called the cartridge holder. This is equipped with a reservoir into which can be put a cartridge of insecticide and fungicide, or one of fertilizer as the occasion requires. The cartridge holder may be attached to the end of the hose followed by the nozzle or it may be attached directly to the spigot and followed by the hose. The cartridges are highly concentrated and only a small amount is required to show results. As the water passes through the cartridge holder into which a fertilizer or insecticide cartridge has been placed the requisite amount of either material placed therein is carried through by the water pressure and applied to plants.

Nickel Cartridge Holder ready to attach to any 3/4-inch hose, \$3.00.

	Each	Doz.
Fertilizer Cartridges.....	\$0.20	\$2.00
Arsenate of Lead Cartridges. .50		5.75
Bordeaux Mixture Cartridges .35		3.75
Tobacco Cartridges. For greenhouse use.....	.35	3.75
Salt Cartridges. For spraying carnations, etc., for red spider, etc.....	.15	1.25
Angle Worm Cartridges.....	.75	8.50

PUTTY DISTRIBUTOR

The best appliance for distributing putty. Each, \$1.35. Parcel post, wt., 1 lb.



Mastica Machine



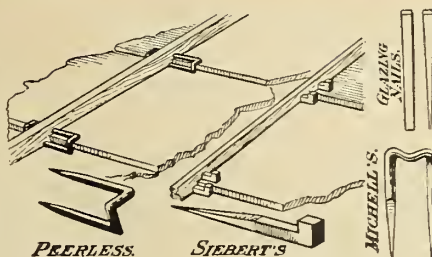
Putty Distributor

MASTICA

Mastica is a prepared putty, which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily.

Per gal, \$2.75; 5 gals. for \$13.60.

Mastica Machine. Each, \$2.75.



GLAZING POINTS

Michell's. Carefully made; thoroughly galvanized; can be used on right or left side of sash bar. No. 2 for single-thick glass; No. 2 1/2 for double-thick glass; 75c. per 1000; 5000 for \$3.50.

Peerless Glazing Points. Quite similar to the Michell point. Nos. 1 and 2 for single-thick glass, No. 2 1/2 for double-thick glass; 75c. per 1000; 5000 for \$3.50. If Michell and Peerless Points are wanted by mail, add 10c. per 1000 for postage.

Pincers. For driving Michell and Peerless Points, 50c. per pair.

Siebert's Style Points (Zinc). Three sizes, 5/8, 3/4 and 7/8 inch, 50c. per lb.; 5 lbs., \$2.40; \$4.50 per 10 lbs.

Zinc Nails, 5/8, 3/4 and 7/8 inch, 45c. per lb.; 5 lbs., \$2.15. If desired by mail, allow for postage.



GLASS CUTTERS

Small Diamond; Ebony Handle....	\$3.75
Large Diamond; Cocoa Handle....	5.00
Single Wheel; Steel (Doz., \$2.00)...	.20
6—Wheel, Adjustable.....	.50



Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.50 per 100.

TWEMLOW'S PUTTY

16-lb. can (1 gallon).....	\$3.00
50-lb. kit (3 gallons).....	8.85
80-lb. kit (5 gallons).....	14.50

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality. For complete list see our General Catalog.

PERMANITE CEMENT

(Black)

For waterproofing greenhouse gutters, roofs, etc., gives splendid satisfaction; also for making sash bars watertight. Apply with a mastic machine, or "Permanite" Gun. (Price of Gun, \$6.50.)

1 gal.....\$2.50 | 5 gals.....\$11.25
Special price f. o. b. factory.

PEERLESS ELASTIC GLAZING CEMENT

(Black)

For setting glass, stopping cracks in gutters, roofs, etc.; in gal. cans, \$2.00; \$8.00 per 5 gal. can; \$15.50 per 10 gal. can.

HAMMOND'S GREENHOUSE WHITE PAINT

Undoubtedly the best and most economical white paint on the market today. Per gal., \$4.25.

DAYLITE GLASS CLEANER

For taking off white-wash shading, etc. Is the most powerful cleaner on the market. Apply with a brush, leave on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$2.50; \$10.00 per 5 gals.



FLORISTS' SUNDRIES

Bull Dog Clips for fastening packages, boxes, etc., 85c. per box of 1000.

	Bbl.	Peck	Bu.	Sack
Charcoal (Lump).....	\$0.50	\$1.75	\$2.50	
Cocoonat Fibre.....	.50	1.75		
Leaf Mould.....	.40	1.25	2.75	
Moss. All kinds. See page 75.				
Pebbles (qt., 8c.).....	.60	1.75	3.75	
Peat.....	.40	1.25	2.75	
Peat, Orchid.....	.60	1.50	2.75	
Sand. For propagating...	.30	1.25	3.00	
Soil. Prepared potting...	.35	1.30	3.25	
Celery Tape (Red only). 1000 yds.,				\$4.00.
Carnation Dye (Green). \$1.00 per pkg.				
Grafting Wax. 1/4 lb., 15c.; 25c. 1/2 lb., lb., 40c.				
Shaderine. 5 lbs. for \$1.35; 10 lbs.,				\$2.25.
Weed Killer (Dilutes 1 gal. to 40 gallons of water). 50c. qt.; 1/2 gal., 80c.; \$1.50 gal.; 5 gals., \$6.00; \$11.00 per 10 gals.; 30 gals., \$27.00; \$42.50 per 50 gals.				
Pruning Compound. Qt., 75c.; \$2.25 per gal.				
Tree Paint. Per qt., 75c.; \$2.00 per gal.				
Zementine. For whitewashing and shading glass. 2 lbs., 35c.; \$1.65 for 10 lbs.				
Zinco. (Soot Destroyer.) For boilers; lengthens their life. 50c. per package. Ask for special circular.				

MICHELL'S HIGH GRADE FERTILIZERS

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied

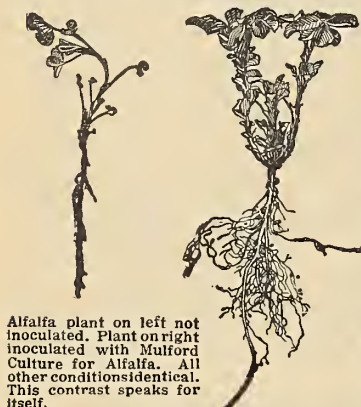
ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

Alphano Inoculant. A soil bacteria used in growing legumes. It comes in a finely powdered form, making it easy to use. 1-acre size (2 lbs.), 90c.; per 10-acre size, \$7.25.

Ashes, Hard Wood. Apply 1,000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. Per 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$4.25 per 200-lb. bbl.; 1,000 lbs., \$19.00; per ton, \$35.00.

Acid or Rock Phosphate. (14%) Apply 1,000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. \$4.50 per 200 lbs.; 1,000 lbs., \$20.00; \$37.50 per ton.

Asparagus Fertilizer. A mixture that promotes the root and top growth. Apply 800 lbs. per acre. In 200-lb. sacks only. 200 lbs., \$6.75; \$33.00 per 1,000 lbs.; per ton, \$65.00.



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

Bacteria, Mulford Culture.

For inoculating clovers and other legumes, such as beans, peas and such other plants that have blossoms similar in shape and form to the above named. The application of bacteria to the seed of these legumes when planting practically trebles the nitrogen gathering powers and for this reason we urge all planters to use it. 35c. per trial bottle; $\frac{1}{4}$ -acre size, 75c.; \$1.50 per acre; 5 acres, \$5.00.

Bacteria, Standard Inoculating.

For all legumes. Increases the yield; enriches the soil; hastens maturity; improves feeding value. Grown direct from nodules, and sent out from the second generation; the preparation of these cultures insures the highest possible virility and therefore positive inoculation and an abundance of nodules. The Standard Inoculating Bacteria is put up in amber colored bottles with glass air tubes and cotton filters. Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Price, Garden size, 50c.; 75c. per one acre size.

Blood (Dried). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 65c.; \$1.00 per 10 lbs.; 25 lbs., \$2.25; \$4.25 per 50 lbs.; 100 lbs., \$8.00; \$15.50 per 200 lbs.; \$74.00 per 1,000 lbs.; per ton \$145.00.

Bon Arbor. A concentrated chemical fertilizer to be used in liquid or powder form, according to directions on package. Dilute 1 lb. to 30 gals. water. Per lb., 55c.; \$2.25 per 5 lbs.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$4.75; \$9.00 per 200 lbs.; 1,000 lbs., \$42.50; \$80.00 per ton.



Bone Meal (Michell's Special Florist's Brand). Apply 800 to 1,000 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 20c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.25; \$4.00 per 100 lbs.; 200 lbs., \$7.75; \$37.00 per 1,000 lbs.; ton, \$72.50.

Chrysanthemum Manure (Thomson's Special). Especially recommended and used by the leading gardeners of England and America. Especially suitable for top-dressing for chrysanthemums and similar plants. Can be used in liquid or dry form. Per 28-lb. sack, \$3.50; \$6.25 per 56-lb. sack.

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. An English chemical fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., \$3.75; \$6.25 for 56-lbs.; 112 lbs., \$12.50.

Cotton Seed Meal. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.10; \$1.90 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; 1,000 lbs., \$31.00; \$60.00 per ton.

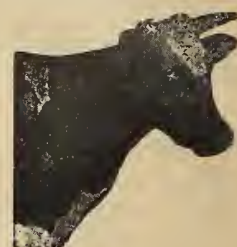
Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. In 100-lb. bags f. o. b. Philadelphia, \$3.25 per 100 lbs.; 500 lbs., \$14.50; \$26.00 per 1,000 lbs.; ton, \$50.00.

Cow or Cattle Manure (Shredded).

One sack of this is equal to one cart-load of fresh cow manure.

Especially suited for soil mixing, mulching and liquid manuring.

F. o. b. Philadelphia. 100 lbs., \$3.40; \$15.00 per 500 lbs.; 1,000 lbs., \$28.00; \$55.00 per ton. F. o. b. Chicago, 100 lbs., \$2.50; \$11.25 per 500 lbs.; 1,000 lbs., \$20.00; \$38.00 per ton.



Dissolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. Price upon application.

Grass and Grain Fertilizer (Michell's). For wheat and rye top dressing, pasture lands and clover fields; apply 600 to 800 lbs. per acre. No less than 200 lbs. can be supplied. \$5.00 per 200-lb. sack; 1000 lbs., \$22.50; \$42.50 per ton.

Hog Manure (Pulverized). Put up and sold in 100-lb. bags only; splendid for forcing vegetables and flowering plants, increasing size and yield. Per 100 lbs., \$3.40; \$15.00 per 500 lbs.

Horse Manure. (See Manure.)

Horn Shavings. Used principally for mixing in potting soil; is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.50.

Humus (Alphano) Prepared. An excellent article to incorporate with poor soil in the garden or greenhouse, especially desirable for mixing with potting soil. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$2.50 per 100 lbs.; 500 lbs., \$11.25; \$17.00 per 1,000 lbs.; ton, \$30.00.

Kainit (Potash Salts). Apply 800 to 1,000 lbs. per acre. Excellent for potatoes, corn and other grains. Price upon application.

Land Plaster. Apply about 1,500 to 2,000 lbs. per acre. For top dressing sour and worn out soils, also for mixing with Paris Green. Per 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 200 lbs.; per $\frac{1}{2}$ ton, \$13.00; ton, \$25.00.

Lawn Sand (Climax). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the package. $3\frac{1}{2}$ -lb. tin., 65c.; \$1.25 for 7 lbs.; 14 lbs., \$2.00; \$3.25 per 28 lbs.; 56 lbs., \$5.75; \$11.00 per 112-lb. bag.

ALL PRICES SUBJECT TO MARKET CHANGES

oh

MICHELL'S HIGH GRADE FERTILIZERS

81

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied.

ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

Limestone (Pulverized). For applying on sour and worn out soils at the rate of 1 ton per acre. Per 100-lb. bag, \$1.25; \$5.75 per 500 lbs.; 1,000 lbs., \$9.50; \$17.50 per ton.

Lime (Hydrated or Powdered). For mixing with earth or other purposes where a soil sweetener is needed. 100-lb. sack, \$1.50; \$6.75 per 500 lbs.; 1,000 lbs., \$12.00; \$22.00 per ton.

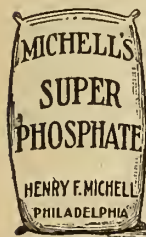
Limoid. Made from pure lump lime thoroughly hydrated. 10-lb. package, 40c.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50% actual potash. Price upon application.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 65c.; \$1.15 per 10 lbs.; 25 lbs., \$2.00; \$3.75 per 50 lbs.; 100 lbs., \$7.00; \$13.50 per 200 lbs.; 1000 lbs., \$62.50; \$120.00 per ton.

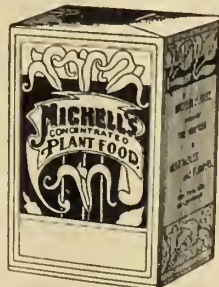
Phosphate, Michell's High-Grade. For all vegetable crops; grains, grass, etc. Apply 800 to 1,000 lbs. per acre broadcast. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; ½ ton \$28.50; \$55.00 per ton.



Phosphate for Corn (Michell's). This is supplied in 200-lb. sacks only, no smaller quantity sold. \$6.00 per 200-lb. sack; per 1,000 lbs., \$28.50; \$55.00 per ton

Plant Life (Zenke's). A liquid plant food, tonic and fertilizer. It contains in concentrated form the elements of plant food in proper proportion for absorption by the plant. Per 8 oz., 20c.; \$3.00 per gal.

Plant Food (Michell's). A highly concentrated chemical fertilizer for house, garden or conservatory. Clean, odorless, and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants. Analysis: Nitrogen, 2½%; available phosphoric acid, 7%; potash 2%. 6 oz. pkgs., \$1.25 per doz. pkgs.; 100 pkgs., \$9.00; 12 oz. pkgs., doz., \$2.25; \$17.50 per 100; 50 at the 100 rate.



Potato Fertilizer (Michell's). Apply 800 to 1,000 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.; ½ ton, \$33.00; ton, \$65.00.

Pondrette (Native Guano). Apply 1,000 lbs. per acre. Extensively used for gardens, lawns, in making compost and in fact wherever a good, quick-acting fertilizer is wanted. 25 lb., 75c.; \$2.00 per 100 lbs.; 200 lbs., \$3.75; \$16.50 per ½ ton; ton, \$32.00.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre. 100 lbs., \$1.75; \$3.00 per 200 lbs.; ton, \$25.00.

Sheep Manure (Wizard Brand). Apply 1,000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia, 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.10; \$1.90 per 50 lbs.; 100 lbs., \$3.40; \$15.00 per 500 lbs.; 1,000 lbs., \$28.00; \$55.00 per ton.



Sheep Manure (Wizard Brand). F. o. b. Chicago. For our western and south-western customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., \$2.50; \$11.25 per 500 lbs.; 1,000 lbs., \$20.00; \$38.00 per ton.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. Price upon application.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: equal to 25% of ammonia. Price on application.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis equal to 50% of actual potash. Price upon application.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 50 lbs., \$2.00; \$3.50 per 100 lbs.; 200 lbs., \$6.75; \$32.00 per ½ ton; \$60.00 per ton.

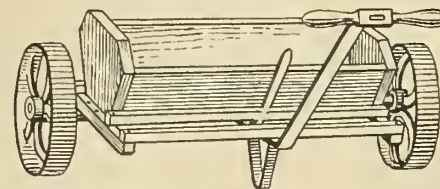
Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is a reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. 28 lb. bags, \$2.75; \$5.00 per 50 lbs.; 112 lbs., \$8.50.

Tobacco Stems. For fumigating, mulching and fertilizing. Bu., 60c.; \$1.25 per bbl. sack; in large bales at 2c. per lb.; ½ ton, \$13.75; \$25.00 per ton.



Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. In 200-lb. bags only. \$6.00 per 200 lbs.; 1,000 lbs., \$28.50; \$55.00 per ton.

Wood Ashes. See ashes at top of opposite page.



THE STEVENS' FERTILIZER DISTRIBUTOR

Hand Machine. For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by hand process. Machine holds about 1¼ bushels. Covering area 3 feet wide. Price, \$16.00.

Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is furnished equipped for either one or two horses as may be desired. Prices f. o. b. factory, 5 foot 10-inch spreading area; 8 foot 3-inch spreading area. Prices upon application.

ALL PRICES SUBJECT TO MARKET CHANGES

oh

MICHELL'S INSECT DESTROYERS

Directions for using any of the following will be found on each package. It is unlawful to send poisons by parcel post.

Ant Exterminator (Magic). A powder that is used for distributing around buildings, on greenhouse benches, on lawns, gardens, and any other places infested by ants. Per $\frac{1}{4}$ lb., 25c.; 45c. per $\frac{1}{2}$ lb.; lb., 70c.; \$3.00 per 5 lbs.

Ant Exterminator (Zenke's). An effective liquid form of this important insecticide. Per 8 oz., 25c.; 65c. per qt.; $\frac{1}{2}$ gal., \$1.10; \$2.00 per gal.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. $\frac{1}{4}$ pt., 25c.; 40c. per $\frac{1}{2}$ pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.

Arsenate of Lead (Paste). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth; dilutes 1 lb. to 25 gals. water. Per lb., 35c.; \$1.50 per 5 lbs.; 10 lbs., \$2.75; \$5.00 per 25 lbs.; 50 lbs., \$8.50; \$16.00 per 100 lbs.

Arsenate of Lead (Powdered). 1 lb. to $1\frac{1}{2}$ lbs. dilutes to 50 gals. of water, or may be used dry, like Paris Green. Per lb., 55c.; \$2.50 per 5 lbs.; 10 lbs., \$4.50; \$10.50 per 25 lbs.; 50 lbs., \$19.00; \$36.00 per 100 lbs.

Black Leaf 40. A concentrated solution of nicotine sulphate; an excellent spray for black aphids and sucking insects of all kinds. Full directions on each package. Per 1 oz. bottle, 25c.; \$1.00 per $\frac{1}{2}$ lb.; 2 lbs., \$3.25; \$13.75 per 10 lbs.

Bordeaux Arsenate. A combined fungicide and insecticide. For fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc., on roses. Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$2.50; \$5.25 per 25 lbs.; 50 lbs., \$9.00; \$17.00 per 100 lbs.

Bordeaux Mixture (Paste). Used principally for mildew, blight and fungus diseases that affect potatoes and fruit trees; by adding water it is ready for use. In 5-gal. kegs only, price \$7.00.

Bordeaux Material (Dry Form). Per lb., 25c.; \$1.20 per 5 lbs.; 10 lbs., \$2.00.

Boro-Wax. For painting trees to destroy and keep away borers. Per qt., 50c.; 90c. per $\frac{1}{2}$ gal.; gal., \$1.25.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 65c.; \$1.50 per $12\frac{1}{2}$ lbs.; 100 lbs., \$8.50.

Bug Death Aphids. For destroying aphids on vegetable plants. 12 oz. pkg., 18c.; \$8.00 per 80-lb. keg.

Carbolineum (Arvenarius). Now called Protexol. A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Per gal., \$1.40; \$6.50 per 5 gals.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., \$1.25; \$3.50 per gal.

Cyanegg. For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing the white fly. Per lb., 80c.; \$3.25 per 5 lbs.

Dalmatian or Persian Powder. For ridding buildings of all kinds of insect pests, particularly roaches, ants, moths and fleas. Per $\frac{1}{4}$ lb., 40c.; 70c. per $\frac{1}{2}$ lb.; \$1.30 per lb.; 5 lbs., \$6.25.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. For destroying mealy bugs, scale, aphids, red spider, etc. Per $\frac{1}{2}$ lb., 35c.; 90c. 2-lb. can.

Fish Oil Soap. For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per $\frac{1}{2}$ lb., 12c.; 20c. per lb.; 5 lbs., 95c.; \$1.65 per 10 lbs.; 25 lbs., \$3.75; \$12.00 per 100 lbs.

Fish Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. Per lb., 25c.; \$1.20 per 5 lbs.; 25 lbs., \$4.25.

Fungicide (Zenke's). For various forms of fungus. Per 8 oz., 25c.; \$3.00 per gal.

Fungine. An excellent remedy for fungus diseases of all kinds. Per $\frac{1}{2}$ pt., 40c.; 65c. per pt.; qt., \$1.00; \$3.00 per gal.

Getz There Soap. Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 50c.; \$1.50 per 8 lbs.; 25 lbs., \$3.00; bbl. lots, 11c. lb.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungus diseases, principally in greenhouse. Per 5 lbs., 85c.; \$1.60 per 10 lbs.; per 25 lbs., \$3.75; \$13.75 per 100 lbs.

Hellebore. The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. $\frac{1}{4}$ lb., 20c.; 35c. per $\frac{1}{2}$ lb.; lb., 60c.; \$2.75 per 5 lbs.

Imp. Soap Spray. An all around outdoor and greenhouse insecticide. Per pt., 60c.; 85c. per qt.; gal., \$2.75; \$11.00 per 5 gals.; 10 gals., \$21.00.

Insecticide (Zenke's). A powerful liquid contact insecticide, embodying the most effective elements which destroy most of the class of sucking insects lying on the leaf surface so as to be in reach of actual contact. Per 8 oz., 25c.; 85c. per qt.; gal., \$2.00.

I X L Compound. English preparation for spraying; harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. Per gal., \$6.00.

Kerosene Emulsion (Liquid) (Misible Oil). Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Per pt. 45c.; 80c. per qt.; gal., \$2.25.

Lemon Oil Insecticide. The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectively destroys mealy bug, scale, thrip and red spider. Per $\frac{1}{2}$ pt., 30c.; 55c. per pt.; qt., 90c.; \$1.65 per $\frac{1}{2}$ gal.; gal., \$2.75; \$10.50 per 5-gal. keg.

Lime Sulphur. For scale insects on trees and shrubs, and such fungus diseases as can be treated in winter or early spring; also for leaf curl of peaches. Per qt., 45c.; 70c. per $\frac{1}{2}$ gal.; gal., \$1.00; \$3.75 per 5 gals.; 30-gal. bbls. at 45c. per gal.; 50-gal. bbls. at 40c. per gal.

Lime Sulphur (Dry Powder Form). Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Per lb., 30c.; \$1.20 per 5 lbs.; 10 lbs., \$1.80; \$3.50 per 25 lbs.; 50 lbs., \$6.75; \$12.00 per 100 lbs.



Pat. Mar. 16 & Nov. 9, 1897



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.10. (Postpaid, \$1.20.) With directions.

Directions for using any of the following will be found on each package. It is unlawful to send poisons by Parcel Post.

Mag-O-Tite. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms from lawns, etc.; also a valuable stimulant and fertilizer. Per 2 lb., 35c.; 60c. per 4 lbs.; 8 lbs., \$1.00; \$2.50 per 25 lbs.; 100 lbs., \$8.50.

Melrosine. An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray, when diluted with from 20 to 25 times its bulk of water. Per ½ pt., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per ½ gal.; per gal., \$6.00.

Mo-Lo. A preparation for destroying and driving away moles. Per pkg., 22c.

Nico-Fume (Liquid). This is used in very much the same way as Nicotidic. Per ¼ lb., 75c.; \$2.25 per lb.; 4 lbs., \$8.00; \$15.00 per 8 lbs. Special contract price on large orders.

Nico-Fume Paper. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box of 24 sheets, \$1.25; \$5.00 for 144 sheets; 288 sheets, \$9.50.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. Per ¼ lb., 20c.; 35c. per ½ lb.; 65c. per lb.; \$3.10 per 5 lbs.; 14 lbs., \$8.40.

Protexol. (See Carbolineum.)

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles; it is a pasty substance, and needs only to be mixed with cold water. Per lb., 50c.; \$2.00 per 5 lbs.; 10 lbs., \$3.25; \$6.75 per 25 lbs.; 50 lbs., \$12.00; \$21.00 per 100 lbs.; 300 lbs., \$60.00.



Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc., not poisonous to other animals. 25c., 50c. and \$1.00 per box.

Readeana Rose Bug Exterminator. Used for destroy-

ing rose bugs, green fly, mealy bug, blight, mildew, etc. Harmless to the most delicate plant. Trial bottle, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Spray during the winter or early spring when the trees are dormant. Per qt., 70c.; \$1.75 per gal.; 5 gals., \$7.00; \$12.00 per 10 gals.; 30 gals., \$30.25; \$45.00 per 50 gals.

Scale Destroyer (Soluble Oil). For San Jose Scale, 1 gal. dilutes to 20 gals. water. Per qt., 60c.; 85c. per ½ gal.; gal., \$1.50; \$6.50 per 5 gals.; 50 gal. barrel, \$40.00.

Shoo Fly. For keeping flies off cattle and horses; used with a spray or a sponge; the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 45c.; \$1.25 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. Per 1 lb. canister, 18c.; 55c. per 5 lbs.; 10 lbs., \$1.10; \$2.65 per 25 lbs.; 100 lbs., \$10.00; full barrel lots (about 250 lbs.), 9¼c. per lb., f. o. b. Philadelphia.

Sulco-V. B. Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 40c.; 75c. per qt.; ½ gal., \$1.35; \$2.50 per gal.; 5 gal., \$8.50; \$15.00 per 10 gal.; ½ bbl. (about 30 gal.), \$1.00 per gal.; bbl. (about 50 gal.), 90c. per gal.

Sulphate of Copper. For destroying fungus diseases of all kinds; also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds sulphate of copper to 6 pounds lime, which is diluted in 50 gallons of water. Per lb., 14c.; \$1.25 per 10 lbs.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale, when it is used in connection with lime and salt. Per lb., 8c.; 40c. per 5 lbs.; 10 lbs., 80c.; \$1.75 per 25 lbs.; 100 lbs., \$6.50; barrel lots (about 200 lbs.), 6¼c. per lb.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 25c. each; per doz., \$2.75; small, 15c. each; per doz., \$1.70.

Thrip Juice (Hammond's No. 2). This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Per pt., 75c.; \$1.25 per qt.; gal., \$3.75.

Tobacco Dust. (For dusting only.) Excellent for lettuce and other plants to destroy soft, creeping insects. Per lb., 8c.; 35c. per 5 lbs.; 10 lbs., 65c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.; 500 lbs., \$23.50.

Tobacco Dust. (Special dusting or fumigating.) A specially prepared article. Per 5 lbs., 40c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.; 500 lbs., \$23.50.

Tobacco Soap. (Sulpho.) A combination of tobacco extract and sulphur; fine for washing and spraying plants; dissolve in warm water. 3 oz. pkgs., 90c. per doz.; per 100, \$6.50; 6 oz. pkgs., \$1.50 per doz.; per 100, \$12.00; 10 lb. cakes, \$3.20; \$7.50 per 25 lbs.

Tobacco Stems. (Fresh.) Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 10c.; 60c. per bu.; bbl. bags, \$1.25; large bales at 2c. per lb.; ½ ton, \$13.75; \$25.00 per ton.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 50c.; \$2.40 per 5 lb. can; 10 lbs., \$4.50; \$8.75 per 20 lbs.

Vermine. A soil sterilizer, and a germicide. Will destroy maggots, cut worms, grubs, etc. It is usually applied at the time of preparing potting soil. Dilute at the rate of one part to 400 parts of water and thoroughly soak the soil. Per ¼ pt. 25c.; 40c. per ½ pt.; pt., 65c.; \$1.00 per qt.; gal., \$3.00.

Worm Destroyer. (For Earth Worms.) This preparation is made in England, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. It acts as a fertilizer as well as worm destroyer.

Michell's Brand. Price upon application.

Carter's Brand. Price upon application.

Worm Eradicator (Reade's Electric). This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. Per 8 oz., 50c.; \$1.00 per 24 oz.; gal., \$4.00.

Zenke's Insecticide. (See Insecticide.)

Zenoleum. A germicide and disinfectant. Endorsed by forty-four State Experiment Stations and Agricultural Colleges, and the leading live stock men of America. Zenoleum is a concentrated solution of coal tar. It mixes with hot or cold water. It will penetrate deeper and more rapidly than any other disinfectant. Per ½ pt., 35c.; 75c. per qt.; ½ gal., \$1.25; \$2.00 per gal.

Lamps for Vaporizing Nicotine Solutions. 75c. each; 6 for \$4.00.

MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan Earthen Fern Pan Fern Dish Liner Seed Pan Wood Fibre Flower Vase



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Wood Fibre Saucer

Rolling Stand

FERN DISH LINERS

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.15	\$1.56	\$11.88

CUT FLOWER VASES

(Galvanized Iron)

No.	Top Diam.	Depth	Cap.	Each	Doz.
65	7 1/2 in.	8 in.	8 Qt.	\$1.00	\$10.20
66	8 3/4 " "	10 " "	10 " "	1.20	11.90
67	7 3/4 " "	12 " "	12 " "	1.20	11.90
68	8 3/4 " "	12 1/2 " "	14 " "	1.30	13.26
69	8 3/4 " "	18 " "	16 " "	1.50	15.30

WOOD FIBRE VASES

No.	Diam.	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	\$2.03	\$22.10
1	5 1/2 " "	10 " "	2 1/2 " "	1.80	18.70
2	4 1/2 " "	9 " "	1 1/2 " "	1.62	17.00
3	4 " "	6 " "	1 1/2 " "	1.44	14.45
4	3 " "	4 1/2 " "	3/4 " "	1.22	11.90
00	9 " "	21 " "	6 " "	6.30	66.30
11	5 " "	18 " "	4 " "	2.48	25.50
22	4 1/2 " "	15 " "	2 " "	2.70	22.95
33	4 " "	12 " "	2 " "	2.03	20.40
44	3 " "	9 " "	1 " "	1.80	16.15

PAPER FLOWER POTS

Ins.	Parcel	Post Weight	Each	100	1000
Diam.	per doz.	per 100			
2 1/4	3 oz.	2 lbs.	\$0.65	\$4.90	
2 1/2	3 " "	2 " "	.75	5.78	
3	5 " "	2 " "	.90	7.98	
3 1/2	7 " "	3 " "	1.25	10.89	
*4	8 " "	4 " "	1.50	13.64	
*5	15 " "	7 " "	2.30	21.28	
*6	2 " "	11 " "	3.25	28.49	

Sizes marked * are packed 500 to a crate other sizes 1000. Special price will be quoted on paper pots f. o. b. factory.

AZALEA POTS

Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	\$0.62	\$4.62	\$43.20
6 " "	5 " "	.92	6.93	64.80
7 " "	6 " "	1.54	11.54	108.00
8 " "	7 " "	2.22	16.67	156.00

EARTHEN BULB PANS

Diam.	Each	Doz.	100	1000
6 in.	\$0.08	\$0.92	\$6.93	\$64.80
7 " "	.13	1.54	11.54	108.00
8 " "	.19	2.22	16.67	156.00
9 " "	.30	3.42	24.30	
10 " "	.40	4.62	32.81	
12 " "	.83	9.41	66.83	
14 " "	1.35	15.39	109.35	

POT HANGERS

Weight per doz. Each Doz. Gross

Krick's No. 1, 3 to				
5-in. pots.	1 lb.	\$0.04	\$0.45	\$5.00
Krick's No. 2, 6 &				
7-in. pots.	1 lb.	.05	.50	5.50
Krick's No. 3, 8 to				
10-in. pots.	1 lb.	.06	.60	6.00
Eureka. For all sizes of pots. Made of galvanized wire, 12c. each; per doz., \$1.20; \$8.50 per 100.				

Discount on Earthen Flower Pots, Bulb Pans and Saucers is 2 per cent. for cash with order or if paid in 15 days from date of bill. All earthenware shipped at buyer's risk. All prices on earthenware are f. o. b. Philadelphia. In some instances arrangements can be made for delivery by auto truck direct from pottery at a special charge for hauling.

EARTHENWARE SAUCERS

Diam.	Doz.	100
4 inches.	\$0.34	\$1.93
5 " "	.34	2.57
6 " "	.57	3.85
7 " "	.68	5.13
8 " "	.91	7.05
9 " "	1.15	9.11
10 " "	1.60	10.94
11 " "	1.94	13.37
12 " "	2.28	16.41
14 " "	3.88	27.34

WOOD FIBRE SAUCERS

Diam.	Parcel	Post Weight	Each	Doz.
5 in.	3 oz.	2 lbs.	\$0.45	\$4.42
6 " "	3 " "	2 " "	.50	4.67
7 " "	5 " "	2 " "	.54	5.10
8 " "	7 " "	3 " "	.59	5.52
9 " "	8 " "	4 " "	.63	5.95
10 " "	15 " "	7 " "	.68	6.63
12 " "	21 " "	11 " "	.72	7.31
14 " "	28 " "	15 " "	.99	9.52
16 " "	36 " "	21 " "	1.58	16.83
18 " "	48 " "	28 " "	1.90	19.55

ROLLING STANDS

Ins.	Weight	Pot	Tub	Each
Diam.	Will Fit			
12....	2 lbs.	10 in.		\$1.20
14....	2 1/2 " "	12 " "	No. 8	1.40
16....	3 " "	14 " "	" 8	2.25
18....	3 1/2 " "	16 " "	" 7-6	2.70
20....	" "	" "	" 5	3.00
22....	" "	" "	" 4	3.25

Rolling stands sold complete only.

ORCHID PANS

(Earthen)	Each	Doz.
4 inches diam.	\$0.09	\$0.90
5 " "	.12	1.35
6 " "	.18	1.60
8 " "	.25	2.25
10 " "	.40	4.00
12 " "	.60	6.00

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.05	\$0.57	\$4.27
4 3/4 " "	2 1/8 " "	.06	.68	5.13
5 1/2 " "	2 1/4 " "	.08	.91	6.41
6 1/4 " "	2 1/2 " "	.09	1.03	7.69
7 " "	2 5/8 " "	.11	1.15	8.97
8 " "	3 3/8 " "	.15	1.71	12.82
9 " "	3 1/4 " "	.18	2.05	14.58

EARTHEN FLOWER POTS

Height and Width Inside	Doz.	100	1000
1 inch.	\$0.16	\$1.16	\$10.80
1 3/4 " "	.12	.96	9.00
2 " "	.12	.96	9.00
2 1/4 " "	.14	1.08	10.20
2 1/2 " "	.17	1.28	12.00
3 " "	.22	1.68	15.60
3 1/2 " "	.28	2.05	19.20
4 " "	.34	2.57	24.00
4 1/2 " "	.47	3.47	32.40
5 " "	.62	4.62	43.20
5 1/2 " "	.77	5.78	54.00
6 " "	.92	6.93	64.80
6 1/2 " "	1.24	9.23	86.40
7 " "	1.54	11.54	108.00
8 " "	2.22	16.67	156.00
9 " "	3.42	24.30	
10 " "	4.62	32.81	
11 " "	6.84	48.60	
12 " "	9.41	66.83	
14 " "	15.39	109.35	

CEDAR TUBS

Equipped with Strong Iron Hoops

These are made by hand, of the very best white cedar, painted green. All measurements are inside.

No.	Inside Diam.	Length of Stave	Depth	Price
No. 0....	24 3/4 in.	22 3/4 in.	24 in.	\$14.25
No. 1....	23 3/8 " "	20 1/4 " "	22 " "	12.85
No. 2....	21 " "	18 7/8 " "	20 " "	11.40
No. 3....	18 1/2 " "	16 7/8 " "	18 " "	9.25
No. 4....	16 1/2 " "	14 7/8 " "	16 " "	7.50
No. 5....	14 1/2 " "	13 1/8 " "	14 " "	6.75
No. 6....	12 1/2 " "	10 7/8 " "	12 " "	5.45
No. 7....	11 3/4 " "	9 7/8 " "	10 " "	4.70
No. 8....	10 1/2 " "	9 1/8 " "	9 1/2 " "	4.10

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 40c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
1....	6 in.	6 in.	\$0.70	\$7.92	\$63.25
2....	7 " "	7 " "	.75	8.20	65.55
3....	8 " "	8 " "	.80	8.98	71.30
4....	9 " "	9 " "	.95	9.50	75.90
5....	10 " "	9 " "	1.00	11.23	89.70
6....	11 " "	10 " "	1.25	13.80	110.70
7....	12 " "	11 " "	1.50	16.70	133.40
8....	13 " "	12 " "	1.95	18.75	170.20
9....	14 " "	13 " "	2.20	24.50	
10....	15 " "	14 " "	2.35	26.65	
11....	16 " "	15 " "	2.75	30.25	
12....	17 " "	16 " "	3.20	35.40	
13....	18 " "	17 " "	4.15	47.05	
14....	19 " "	18 " "	4.60	51.15	
No. 2 Special Pail Tub, 10 3/4-in. diam., 8-in. deep. 80c. each; doz., \$8.25; \$66.00 per 100.					

From _____

Post Office _____

State _____

PUT
STAMP
HERE

MICHELL'S SEED HOUSE

516-518 MARKET STREET

Philadelphia, Pa.



MAKE A PROFIT SELLING MICHELL'S SEEDS

ORDER SHEET AND PRICE LIST

Date _____ 19__



Ship to
Your Name _____

Care of _____

P. O., Street, or
R. F. D. Address _____

Freight or
Express Address _____

County _____ State _____

Charge to _____

PLEASE NOTE—

To conform to modern business practice we have discontinued the consignment business. ALL MERCHANDISE IS SOLD ON AN OUTRIGHT BASIS ONLY; NOT RETURNABLE.

In order to make the sale and offering of our merchandise as attractive and profitable as we can, we request or suggest that our retail prices (as quoted in our current catalogs) be maintained as far as practicable and possible, except on such items as change in price.

SEND BY	MARK X Over the word designating method By which shipment is desired	FREIGHT	EXPRESS	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS
---------	--	---------	---------	------	----------------	-------------------	------------------

List of Vegetable Seeds Put up in 5c Retail Illustrated Lithographed Packets

Your cost is \$2.50 per 100; per 1000, \$22.50

No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted
Beans, Bush Lima	Corn, Late	Okra	Ruta Baga, Purple Top
Beans, Green Pod	Corn Salad	Onion, Red	Yellow
Beans, Pole Lima	Cress, Garden	Onion, White	Sage
Beans, Wax Pod	Cress, Water	Onion, Yellow	Salsify
Beets	Cucumber	Parsley	Spinach
Brussels Sprouts	Cucumber, Gherkin	Parsley, Rooted	Squash, Crook Neck
Cabbage, Chinese	Dandelion	Parsnip	Squash, White Bush
Cabbage, Early	Egg Plant	Peas, Early	Summer Savory
Cabbage, Late	Endive	Peas, Late	Sweet Marjoram
Cabbage, Red	Kale	Pepper, Cayenne	Swiss Chard
Cabbage, Savoy	Kohl Rabi, Purple	Pepper, Large Sweet	Thyme
Carrot, Early	Kohl Rabi, White	Pumpkin, Cheese	Tomato, Early
Carrot, Late	Leek	Pumpkin, Crook Neck	Tomato, Golden Queen
Celery	Lettuce, Curled	Radish, Black Spanish	Tomato, Late
Celeriac	Lettuce, Head	Radish, Long Red	Tomato, Yellow Plum
Chicory, Witloof	Lettuce, Romaine	Radish, Long White	Turnip, Purple Top Flat
Citron, Preserving	Melon, Musk	Radish, Round Red	Turnip, Purple Top White
Corn, Early	Melon, Water	Radish, Round White	Globe
Corn, Golden Bantam	Mustard		Turnip, Yellow Globe

List of Vegetable Seeds put up in 10c Retail Illustrated Lithographed Packets

Your cost \$5.00 per 100 Packets; per 1000 Packets, \$45.00

No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted
Beans, Bush Lima	Corn, Early	Melon, Water	Radish, Long White
Beans, Pole Lima	Corn, Golden Bantam	Onion, Yellow	Radish, Round Red
Beans, Green Pod	Corn, Late	Onion, White	Radish, Round White
Beans, Yellow Pod	Egg Plant	Parsley	Salsify
Beets	Endive	Parsley, Rooted	Spinach
Cabbage, Early	Kale	Parsnip	Squash
Cabbage, Late	Kohl Rabi, White	Peas, Early	Swiss Chard
Carrot, Early	Leek	Peas, Late	Tomato, Early
Carrot, Late	Lettuce, Curled	Pepper, Cayenne	Tomato, Late
Celery	Lettuce, Head	Pepper, Large Sweet	Turnip, Purple Top White
Celeriac	Lettuce, Romaine	Pumpkin, Cheese	Globe
Cucumber	Melon, Musk	Radish, Long Red	

ALL PRICES SUBJECT TO CHANGE

HENRY F. MICHELL CO., 518-516 Market Street, Phila.

(See other side.)

Michell's Reliable Seeds, Etc., for Storekeepers

List of Flower Seeds put up in 5c. Retail Illustrated Lithographed Packets

Your cost \$2.50 per 100 Packets; per 1000 Packets, \$22.50.

No. of Pkts. Wanted		No. of Pkts. Wanted		No. of Pkts. Wanted	
	Ageratum		Cosmos		Pansy
	Alyssum		Cypress Vine		Petunia
	Antirrhinum		Flower Seeds, in mixture		Phlox
	Aster		Forget-Me-Not		Pinks
	Balloon Vine		Four O'clock		Poppy
	Balsam		Gaillardia		Portulaca
	Balsam Apple		Gourds		Scabiosa
	Bean, Scarlet Runner		Hollyhocks		Scarlet Sage
	Calendula		Hyacinth Bean		Stocks
	California Poppy		Larkspur		Straw Flower
	Calliopsis		Lobelia		Sunflower
	Canary Bird Vine		Marigold		Sweet Peas
	Candytuft		Mignonette		Sweet William
	Carnation		Moonflower		Thunbergia
	Castor Oil Bean		Morning Glory		Verbena
	Celosia		Nasturtium, Dwarf		Wild Cucumber
	Chrysanthemum		Nasturtium, Tall		Zinnia
	Cobaea				
	Cornflower				

We can also supply all other varieties of Flower Seeds as per our catalog at wholesale rates, but not in illustrated packets.

List of Flower Seeds put up in 10c. Retail Lithographed Illustrated Packets

Your cost of these 10c. retail packets of Flower Seeds is \$5.00 per 100; per 1000, \$45.00.

These are larger packets than the 5c. size; containing more seed, and are improved flowering strains.

No. of Packets Wanted		No. of Packets Wanted		No. of Packets Wanted	
	Ageratum		Cosmos, Giant Fancy, Mixed		Petunia, Choice Mixed
	Alyssum, Sweet		Cypress Vine		Phlox, Drummondii Grandiflora, Mixed
	Antirrhinum (Snapdragon)		Dianthus, Double Japan, Mixed		Poppy, Single Shirley
	Aster, Queen of the Market, Mixed		Dimorphothea		Portulaca, Double
	Aster, Semple's Branching, Mixed		Forget-Me-Not		Portulaca, Single
	Bachelor's Button (Centaurea)		Gaillardia		Salvia (Scarlet Sage)
	Balloon Vine		Gourd		Scabiosa
	Balsam, Double Camellia Flowered		Hollyhock, Double, Mixed		Stocks, Dwarf Ten Weeks, Mixed
	Balsam Apple		Kochia		Straw Flower
	Calendula		Larkspur, Tall Double, Mixed		Sunflower
	California Poppy		Lobelia		Sweet Peas, Spencer, Mixed
	Calliopsis		Marigold, Tall African, Mixed		Sweet William, Double
	Candytuft, Giant White		Mignonette, Machet		Thunbergia
	Carnation, Marguerite, Mixed		Moon Flower (Ipomoea)		Verbena, Mammoth Fancy, Mixed
	Castor Oil Bean		Morning Glory (Convolvulus)		Wild Cucumber
	Celosia		Nasturtium, Dwarf Giant Flowered		Wild Flower Garden
	Chrysanthemum		Nasturtium, Tall Giant Flowered		Zinnia, Giant, Mixed
	Cobaea		Pansy, Giant Trimardeau		

DISPLAY CASES FREE

These are illustrated on page 1 of this circular. These cases have been standardized and will accommodate either Flower or Vegetable Seed packets. They require very little space and the seed packets are so arranged that every variety is in full view of the customer at one time; the case is exceedingly practical, inasmuch that even if one packet remains in a compartment, it is just as effective as though the compartment were full. This is quite an advantage in that it permits the merchant to sell close to the last packet, thus avoiding needless replacing, especially toward the end of the season. The cases have a closing lid which when open serves as a show card or sign; it can be put away temporarily or when the season is over and any contents are kept clean.

SPECIAL NOTICE.—Each case holds about 150 packets of seeds, but we will furnish a case free with each order of 100 packets or more. When received put it where it can be seen by everyone who enters your shop or store; don't stick it under the counter or on the shelf and expect it to sell goods. Unless they especially come in for it, few people buy or ask for things they do not see. These boxes are light in weight and can be transported by parcels post, with contents.

HENRY F. MICHELL CO., 518-516 Market Street, Phila.

(See Next Page)

MICHELL'S RELIABLE SEEDS, Etc. (Order Sheet and Price List for Storekeepers)

Quantity Wanted		Retail Each	YOUR COST			TOTAL	
			Dozen	Per 100	Per 1000	\$	Cts.
SWEET PEAS, Pkts. \$0.05							
	(Gilt Edge Mixture) 1 oz. pkts. ....	.20	\$0.35	\$2.50	\$24.00		
	1/4 lb. " .....	.60	1.65	12.00	....	
	1/2 lb. "	1.00	4.50	35.00	....	
	1 lb. "	2.00	8.00	65.00	....	
NASTURTIUM,							
	(Dwarf Mixed) Pkts. ....	.05	13.00	105.00	....	
	1 oz. " .....	.20	.35	2.50	22.50		
	1/4 lb. " .....	.50	1.75	12.00	....	
NASTURTIUM,							
	(Tall Mixed) Pkts. ....	.05	.35	2.50	22.50		
	1 oz. " .....	.15	1.10	8.00	....	
	1/4 lb. " .....	.40	2.75	22.50	....	
WHITE DUTCH CLOVER							
	Packets \$0.05		YOUR COST				
	1 oz. " .....	.10	Dozen	Per 100	Per 1000		
	1/4 lb. " .....	.25	\$0.35	\$2.50	\$22.50		
	1/2 lb. " .....	.45	.75	6.00	57.50		
	1 lb. " .....	.80	2.30	18.50	....	
			4.50	36.00	....	
			8.75	67.50	....	
LAWN GRASS SEED							
	Fairmount Park, Pints \$0.10		YOUR COST				
	" " Quarts .....	.20	Each	Dozen	Per 100	Per 1000	
	" " 2 Quarts .....	.35	....	\$0.75	\$5.50	\$52.50	
	" " 4 Quarts .....	.65	....	1.50	11.00	100.00	
	" " Peck	1.00	....	2.50	18.00	....
	" " 1/2 Bushel	1.90	....	4.50	34.00	....
	" " 1 Bushel	3.75	\$0.80	9.00	....	....
Evergreen,							
	Pints .....	.15	1.50	17.00	....	....
	Quarts .....	.25	3.00	33.00	....	....
	2 Quarts .....	.45	....	1.20	9.00	85.00	
	4 Quarts .....	.75	....	1.85	14.00	130.00	
	Peck	1.35	....	3.50	27.00	....
	1/2 Bushel	2.50	....	6.50	50.00	....
	1 Bushel	5.00	1.15	12.00	....	....
Green Velvet,							
	Pints .....	.20	2.00	22.00	....	....
	Quarts .....	.30	4.00	44.00	....	....
	2 Quarts .....	.50	....	1.25	9.50	90.00	
	4 Quarts .....	.90	....	2.15	17.00	....
	Peck	1.50	....	3.50	....	....
	1/2 Bushel	3.00	.75	7.50	....	....
	1 Bushel	6.00	1.35	15.00	....	....
Shaded Lawn,							
	Pints .....	.20	2.50	27.50	....	....
	Quarts .....	.30	5.00	55.00	....	....
	2 Quarts .....	.55	....	1.25	9.50	....
	4 Quarts	1.00	....	2.15	17.50	....
	Peck	1.75	....	3.75	30.00	....
	1/2 Bushel	3.00	.80	8.00	60.00	....
	1 Bushel	6.00	1.50	15.00	....	....
			2.75	27.50	....	....
			5.50	55.00	....	....
PLANT FOOD							
	Mitchell's 5-oz pkgs. \$0.20		YOUR COST				
	" 12-oz. pkgs. .... .30		Dozen	Per 100			
			\$1.35	\$10.00			
			2.35	17.50			
SHEEP MANURE							
	2 pound boxes \$0.30		YOUR COST				
	5 pound boxes ..... .45		Dozen	Per 100			
	10 pound boxes ..... .80		\$2.50	\$20.00			
			4.25	34.00			
			8.00	65.00			
BONE MEAL							
	3 pound boxes \$0.25		YOUR COST				
	5 pound boxes ..... .35		Dozen	Per 100			
	10 pound boxes ..... .60		\$2.40	\$18.00			
			3.25	25.00			
			5.50	45.00			
MISCELLANEOUS							
	Lemon Oil Insectide, 1/2 pt. cans \$0.35		YOUR COST				
	Aphine " 1/4 pt. cans ..... .25		Dozen	Per 100			
	Black Leaf, 40 " 1 oz. bottle ..... .25		\$2.60	\$20.00			
	Sulpho Tobacco Soap, 3 oz. cake ..... .15		2.65	21.00			
	Sulpho Tobacco Soap, 6 oz. cake ..... .25		2.40	19.00			
			.85	6.50			
			1.50	12.00			

(See Next Page)

MICHELL'S SEEDS

"Sown wherever known"

Henry F. Michell Co.,

518-516 Market Street, Philadelphia

MICHELL'S RELIABLE SEEDS, Etc., Order Sheet for Storekeepers

Quantity Wanted	BIRD SEED, in 1-lb. pkgs.	Retail	YOUR COST	TOTAL
	Mixed Canary		Prices upon	\$
	Plain "		Application	Cts.
	Hemp			
	Rape			
		Retail	YOUR COST	
	CUTTLE BONE	Each	\$0.65 lb.	
	SUNFLOWER SEED	Each	YOUR COST	
	1-lb. Pkgs.	\$0.15	\$0.10	
	3-lb. " .....	.40	.28	
		Retail	YOUR COST	
	SONG RESTORER, in bottles.....	\$0.15	\$1.35 Per Dozen	
	BIRD MANNA, in cakes.....	.15	1.40 " "	
		Retail	YOUR COST	
	WHITE RICE POP CORN (shelled)	Each	In 1-lb. Pkgs.....\$0.12 lb.	
	In 1-lb pkgs.	\$0.20	" Bulk, 10 lbs. at.... .10 "	
			25 lbs. at.... .09 "	
			100 lbs. at.... .08½ "	
			RETAIL YOUR COST	
	RAT CORN. For destroying rats and mice. Retail, each, 25c.,		25c. Size .....\$2.25 Dozen	
	50c., \$1.00.		50c. " 4.25 "	
			\$1.00 " 8.00 "	
		Retail	YOUR COST	
	BIRD GRAVEL	Each	Per Dozen	
	Fine Silver	\$0.10	\$0.75	
	Coarse " .....	.10	.85	
	Fine Red .....	.10	.75	

POULTRY FEEDS, Etc. (In 100-lb. Bags Only)

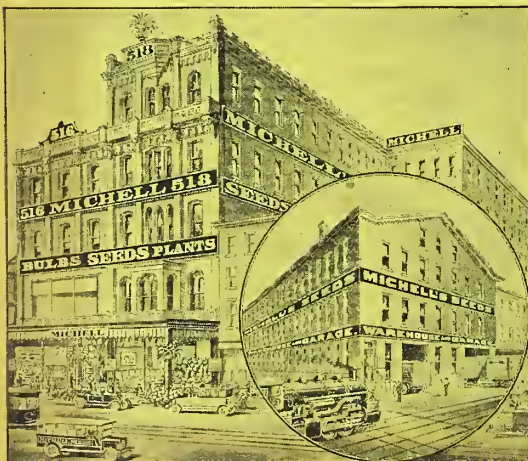
Every merchant in the suburbs or outlying parts of the city has frequent demand for poultry feeds; carry a few bags in stock for this purpose; it accommodates your trade and brings customers to your store.

MICHELL'S SCRATCH FOOD	} PRICES UPON APPLICATION
" CHICK FOOD	
" PIGEON FOOD	
" MASH FOOD	
" DEVELOPING FOOD	
" GRIT, Coarse, Medium, Fine.....	
" OYSTER SHELLS, Coarse, Medium, Fine.....	
" PREPARED MEAT	

Michell's Choice Spring and Summer Flowering and Decorative Bulbs

Bulbs sell well in most any general store, florist shop or drug store; try a few or take orders for them and make a profit.

	Doz.	100		Doz.	100
AMARYLLIS, Belladonna. Pink.....	\$1.75	\$12.00	CALADIUM Esculentum (Elephant's Ear)		
" Hybrids of Vitatta. Mixed.....	6.00	40.00	5- 7 inch bulb	\$1.10	\$7.00
" Johnsoni. White and red.....	3.50	27.50	7- 9 " "	1.35	9.00
" Treatea Alba. White .....	.85	5.00	9-11 " "	2.50	17.50
" " Rosea. Pink.....	1.50	10.00	DAHLIAS. In Separate Colors not named.		
CALLA, Elliottiana. Yellow.....	2.25	16.00	Double White	\$1.50	\$10.00
CANNAS (Roots). Dwarf Mixed.....	.70	4.25	" Pink	1.50	10.00
			" Yellow	1.50	10.00
			" Red	1.50	10.00



	Doz.	100		Doz.	100
CINNAMON VINES (Roots)	\$0.65	\$4.25	GLADIOLUS. Choice Mixed .....	.40	2.50
			" Pink and Rose .....	.50	3.25
			" White and Light .....	.50	3.25
			" Striped and Variegated .....	.50	3.50
			" Red and Scarlet .....	.50	3.25
			" Yellow and Orange .....	.60	4.00
			HYACINTHUS CANDICANS (Summer Hyacinth)		
			White	Doz.	100
				\$0.50	\$3.00
			ISMENE Calathina (Paneratum Lily). White.....	1.50	10.00
			LILIES (Hardy) Auratum. 8/9 in. Yellow and white.....	3.50	22.50
			Album. 8/9 in. White	3.00	21.00
			Rubrum. 8/9 in. Pink	2.50	17.50
			MEXICAN VINES (Roots)	\$0.75	\$5.00
			OXALIS, Summer	Doz.	100
			Deppei. White	\$0.15	\$0.75
			Lasiandra. Pink .....	.15	.75
			TUBEROSES. Mammoth Pearl. Pure White		
			1st Size Bulbs	\$0.50	\$3.50
					\$30.00

Consult our 1921 Catalog for Retail Prices for Above Bulbs.

Wizard Brand Manures (Free from Weeds)

WIZARD BRAND Cattle or Cow Manure (Weedless)

This is carefully selected manure taken from brick-paved cattle pens at Western Stock Yards, where the highest quality of Cattle Manure is available in large quantities. It is kept entirely separate from other manures and is reduced by the Wizard Brand process of direct heat drying and screening, but is packed in coarse shredded form instead of being finely pulverized.

WIZARD SHREDDED COW OR CATTLE MANURE

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia	\$3.40	\$15.00	\$28.00	\$55.00
F. o. b. Chicago	2.50	11.25	20.00	38.00

We can also supply **PULVERIZED COW MANURE** and **PULVERIZED HOG MANURE** at the above prices.

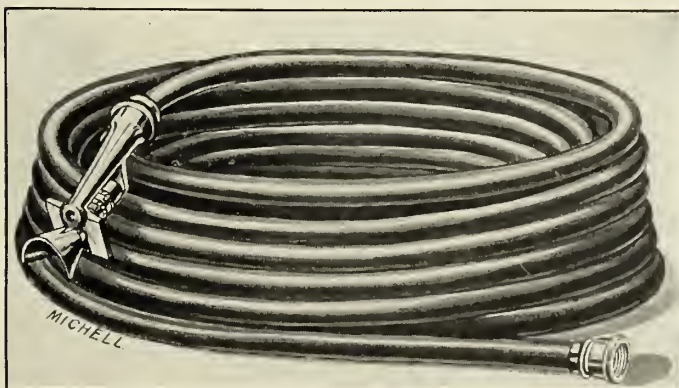
WIZARD BRAND Pulverized Sheep Manure (Weedless)

This is probably the most extensively used of animal manures by the florist and market gardener. The analysis shows it to be a perfectly balanced plant food.

Pulverized Sheep Manure acts quickly and is invaluable for carnations, mums and other crops that require a quick stimulant at certain stages of development or because of unfavorable weather conditions.

PULVERIZED SHEEP MANURE

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia	\$3.40	\$15.00	\$28.00	\$55.00
F. o. b. Chicago	2.50	11.25	20.00	38.00



Michell's Special RUBBER HOSE

Every florist knows how difficult it is to get hose that will stand all the wear and tear of the greenhouse, and we can't help recommending "Michell's Hose" in the highest terms. It's mighty tough, very flexible, and best of all it's a wearer with a record behind it; can be had in any length up to 500 feet; "Michell's Hose" is more than a good hose—it's the **BEST**.

(Write for a Free Sample)

1/2 Inch	15c. per foot
3/4 Inch	18c. " "

We also have other good brands of hose. Prices and samples cheerfully sent on request.



Michell's Keystone PLANT TUBS

Plants, large or small, appear always to better advantage when planted in tubs instead of pots. Tubs have welded hoops, except bottom hoop, which is flat (and neat handles, when desired, at extra prices). Made of white cedar, they are by far the **cheapest, neatest, lightest** and **best** florist tub put on the market.

No.	Inside Top Diam.	Inside Depth
1	6	6
2	7	7
3	8	8
4	9	9
5	10	9
6	11	10
7	12	11
8	13	12
9	14	13
10	15	14
11	16	15
12	17	16
13	18	17
14	19	18

Current prices of Keystone Plant Tubs will be found in body of catalog—see index under Tubs.

Stamped steel side handles are not attached to tubs, but can be supplied at additional cost as per schedule on page offering tubs—see index.

SPECIAL PAIL TUB No. 2

The best low-priced palm Tub on the market, painted green with electrically welded hoops. Made of best quality Southern cedar, and is a Tub of a kind the florist can afford to buy by the hundred, they are so cheap. There is no comparison between a plant in a tub and a plant in a pot. The former will always command an extra price that will more than offset the cost of the Tubs several times. Diameter inside, 10 3/4 inches at top; diameter inside, 8 3/4 inches at bottom; depth 8 inches. Be sure and specify Pail Tub when ordering this. Price will be found in body of catalog under offer of Tubs, see index.



All Prices Subject to Change Without Notice

HENRY F. MICHELL CO., 518-516 MARKET STREET, PHILADELPHIA, PA.

MICHELL'S "GIANT FLOWERING" CANNAS

(Strong Dormant Roots)

Wyoming

Firebird

Hungaria

The President

Rosea Gigantea

	Doz.	100	1000
Hungaria	\$1.75	\$10.00	\$ 85.00
Firebird	2.25	15.00	125.00
Rosea Gigantea	1.75	10.00	90.00
The President	2.25	15.00	125.00
Wyoming	1.00	5.00	42.50

(See body of catalog under offer of Cannas; for other varieties, refer to index.)

HENRY F. MICHELL CO. 518-516 Market St. **PHILA., PA.**